

Incident Action Plan

Daves Fire

CA-MNF-0834

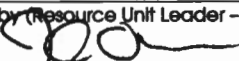

P5HKC8



DAY SHIFT

June 17th - June 20th, 2013

0600 - 1800

INCIDENT OBJECTIVES	1. Incident Name DAVES	2. Date 6/16/2013	3. Time 20:12									
4. Operational Period 6/17/2013 to 6/20/2013 0600 - 1800												
5. General Control Objectives for the Incident (include alternatives) MANAGEMENT OBJECTIVES <ul style="list-style-type: none"> • Ensure firefighter and public safety in all incident activities. Adhere to all safety standards and implement appropriate risk analysis • Protect values at risk to include watershed, cultural resources, private timber lands and recreation sites • Coordinate with Forest to maintain communications with communities, county officials and Forest visitors. • Provide and implement tactics that have minimum impact to Forest and Forest users OPERATIONAL OBJECTIVES <ul style="list-style-type: none"> • Keep the fire within existing containment lines • Mop-up to the degree necessary to make the likelihood of escape very low; based on experience, terrain, fuel types, fuel conditions and current / predicted weather conditions. 												
6. Weather Forecast for Period See attached forecast												
7. General Safety Message See attached safety message												
8. Attachments (mark if attached) <table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> Weather</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input type="checkbox"/> Incident Map</td> <td><input checked="" type="checkbox"/> Safety Message</td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input checked="" type="checkbox"/> Traffic Plan</td> <td><input checked="" type="checkbox"/> LCES Worksheet</td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Safety Message	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> LCES Worksheet
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9. Prepared by (Resource Unit Leader - NorCal 2) J. Owen 	10. Approved by (Incident Commander) Stew Richter 											

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name DAVES		Day Ops Chief	
		Night Ops Chief	
2. Date 6/16/2013	3. Time 20:09	Planning Ops	
4. Operational Period 6/17/2013 to 6/20/2013 0600 - 1800		a. Branch I – Division/Groups	
		Task Force Leader	Brian Combs
Position		Division/Group	
		Division/Group	
5. Incident Commander and Command Staff		Division/Group	
Incident Commander	Stew Richter	Division/Group	
IC Trainee	Matt Petersen	Division/Group	
Safety Officer	Chuck Frank	Division/Group	
Information Officer	MNF Forest		
		b. Branch II – Division/Groups	
		Branch	
6. Agency Representative		Division/Group	
Agency	Name	Division/Group	
Agency Admin	Sherry Tune / Eduardo Olmedo (t)	Division/Group	
Agency Admin Rep		Division/Group	
Agency Admin Rep		Division/Group	
USFS LE	MNF Patrol	Division/Group	
Lead Resource Advisor	Chad Atwood (By cell phone)	c. Branch III – Division/Groups	
Resource Advisor	Gary Urdahl (By cell phone)	Branch	
		Division/Group	
		Division/Group	
		Division/Group	
		Division/Group	
		Division/Group	
		Division/Group	
7. Planning Section		d. Air Operations Branch	
Chief		Air Operations Branch Director	
Deputy		Air Support Group Supervisor	
Resources Unit		Air Tactical Group Supervisor	
Situation Unit		Helitack Base Manager	
Documentation Unit			
Demobilization Unit			
Fire Behavior Unit		10. Finance Section	
Incident Meteorologist		Chief	Debbie McKelvy
Technical Specialist		Chief (Trainee)	Rosemary Houser
Training Specialist		Personnel Time Unit	
GISS		Equipment Time Unit	
HRSP	Barbara Leach	Cost Unit	
Status Check-In		Compensation / Claim Unit	
8. Logistics Section			
Chief			
Deputy			
Supply Unit		Prepared By: John Owen - RESL	
Facilities Unit			
Ground Support Unit			
Communications Unit			
Medical Unit			
Food Unit			



Powerhouse Fire, June 5, 2013
Angeles N.F., Photo by Jeff Brooks

Fuels and Fire Behavior Advisory California*



June 10, 2013

Subject: Low live and dead fuel moistures, along with persistent drought have created the potential for active to extreme fire behavior in many parts of the state.

Discussion: All of California is experiencing drought conditions. Effects of lower than normal live and dead fuel moistures and observed fire behavior for 2013 are the focus of this advisory.

Difference From Normal Conditions: Drought conditions ranging from abnormally dry to severe exist across California. The drought is expected to persist or intensify. The entire state is deficient in rainfall and snow pack, resulting in fuels that are 4-8 weeks ahead of normal drying/curing rates.

Concerns to Firefighters:

- Energy Release Component (ERC) at numerous weather stations set record highs already this year and running well above normal in most cases. Expect increased fire intensity and spread rates in these areas. Early season extreme fire behavior has been observed in both light and heavy fuels. **Anticipate increased spread rates, spotting, and active night time burning.**
- The combination of persistent drought and record-low rainfall and snowpack amounts has led to very low live and dead fuel moistures. Low 1000-hour fuel moistures have been evidenced by complete consumption of dead fuels on several recent fires. Live fuel moistures have already reached critical levels in many areas especially in Southern California. **Expect fires to ignite easier and spread faster. Anticipate higher resistance to control in all fuel types.**
- Excessively dry fuels and receptive fuel beds are resulting in fire behavior that is not deterred by what firefighters would consider normal barriers. **Be mindful of what you use as a barrier or safety zone.**
- Fires are burning actively even under conditions of high relative humidity. Already this year; California has experienced large fire activity and multiple team deployments. California will likely experience an extended fire season. It is important to be mindful of and manage fatigue for all resources. **Everyone, every day, returns home safely.**

Mitigation Measures:

- Local and inbound fire personnel need to be aware that fire behavior across the state is exceeding normal expectations for this time of the year. **Local briefings need to be thorough and highlight specific fire environment conditions. These include but are not limited to local weather forecasts, Pocket Cards, ERC's, live and dead fuel moistures, and special fuel conditions such as mortality, Sudden Oak Death and frost killed brush, etc.**
- Suppression actions need to be based on good anchor points, escape routes, and safety zones. **Remember LCES. Experienced lookouts are essential under these conditions.**
- **Base all actions on current and expected behavior of the fire.** Augment initial attack resources as incident activity dictates.
- Review the most current Northern and Southern California 7-day Significant Fire Potential along with Daily, Monthly and Seasonal Outlooks at: <http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm>

***Area of Concern:** The area of concern is the State of California with the exception of 3 Northern California Predictive Service Areas: North Coast, Northeastern, and Eastside. A map showing the areas of concern described in this advisory can be found at: [National Fuel Advisories](#)

Issued: June 10, 2013 (Note this advisory will be in effect for 14 days and will be reviewed/updated at that time.)

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 6 (Extended)	TYPE OF FIRE: Wildland Fire
FIRE NAME: Daves	OPERATIONAL PERIOD: 0700-1800 06/17-20/2013
DATE ISSUED: June 16, 2013	TIME ISSUED: 2100
UNIT: Mendocino NF, Grindstone RD	SIGNED: <i>Is/ Ken Larson FBAN</i>

WEATHER SUMMARY: See attached Fire Weather Forecast

Monday, 06/17: Sunny. Highs 70-75. Minimum RH 23-28%. Moderate humidity recoveries. 20 Ft. slope winds SW 4-9 mph becoming SE; ridge winds SW 7-15, gusts to 20.

Tuesday, 06/18: Mostly clear. Lows 50 to 55. Highs 62-67. Min. RH 30%. 20 Ft. winds SW 5-11 mph, gusts to 20 over ridges.

Wednesday, 06/19: Mostly clear. Lows 44 to 49. Highs 64-69. Min RH 30%. 20 Ft. winds W to NW 5-8 mph. Lighter winds over ridges.

Thursday, 06/20: Mostly clear. Lows 49-54. Highs 69-74. Min RH 25%. 20 Ft. winds NW 5-10.

(Tue-Thur RH values received from Sacramento NWS Fire Weather office via phone).

FIRE BEHAVIOR

Monday-Tuesday

The potential fire behavior in timber will be a head ROS of 6-10 chains/hour, flame length of 3-4 feet. For brush a ROS to 35 chains/hour and flame length to 8 feet is possible. Spotting distance to ¼ mile. P(I) will be 70% Monday, 50% Tuesday.

Wednesday

The potential fire behavior in timber will be a head ROS of 3-6 chains/hour, flame length of 2-3 feet. For brush a ROS to 16 chains/hour and flame length to 5 feet is possible. Spotting distance to 1/10 mile. P(I) will be 50%.

Thursday

The potential fire behavior in timber will be a head ROS of 4-7 chains/hour, flame length of 3-4 feet. For brush a ROS to 20 chains/hour and flame length to 6 feet is possible. Spotting distance to 1/10 mile. P(I) will be 60%.

AIR OPERATIONS

06/17	Sunrise:	05:41	Sunset:	20:41
06/18	Sunrise:	05:41	Sunset:	20:41
06/19	Sunrise:	05:41	Sunset:	20:41
06/20	Sunrise:	05:41	Sunset:	20:41

SAFETY

Maintain situational awareness at all times. Keep heads up for changing weather conditions, especially wind speed and direction. Watch out for hazards associated with mop-up such as stump holes, stobs, snags, insects, etc.

Spot Forecast for Dave's Fire

National Weather Service Sacramento
519 PM PDT Sun Jun 16 2013

IF CONDITIONS BECOME UNREPRESENTATIVE, CONTACT THE NATIONAL WEATHER SERVICE.
SPOT FORECAST FOR DAVE S...MNF-NORCAL TEAM 2
NATIONAL WEATHER SERVICE SACRAMENTO CA
519 PM PDT SUN JUN 16 2013

FORECAST IS BASED ON REQUEST TIME OF 1453 PDT ON JUNE 16.
IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER SERVICE.

.DISCUSSION...

LOW PRESSURE OVER THE PACIFIC WILL BRING A COOLING TREND WITH INCREASING HUMIDITY OVER THE FIRE SITE THROUGH MIDWEEK AS IT APPROACHES THE COAST AND MOVES INLAND. LOCALLY BREEZY SOUTHWEST WINDS ARE LIKELY AT TIMES...ESPECIALLY OVER RIDGES. NO RAIN IS EXPECTED AT THE FIRE SITE...WITH THE ONLY CHANCE OF SHOWERS NORTH OF THE FIRE SITE...OVER THE SHASTA COUNTY MOUNTAINS. HIGH PRESSURE BUILDS IN BY THE END OF THE WEEK AND INTO NEXT WEEKEND WITH WARMER TEMPERATURES...LOWER HUMIDITY AND LOCALLY GUSTY NORTH WINDS.

.MONDAY...

SKY/WEATHER.....SUNNY.
MAX TEMPERATURE.....70-75.
MIN HUMIDITY.....23-28 PERCENT.
WIND (20 FT).....
 SLOPE/VALLEY.....SOUTHWEST WINDS 4 TO 9 MPH BECOMING SOUTHEAST.
 RIDGETOP.....SOUTHWEST 7 TO 15 MPH WITH GUSTS TO 20 MPH.
CWR.....0 PERCENT.
LAL.....1.
MIXING HEIGHT.....RISING TO 7000 FT AGL IN THE AFTERNOON.
MIXING WINDS.....SOUTHWEST 7 TO 10 MPH.

.OUTLOOK FOR DAYS 2 THROUGH 5...

.TUESDAY...

MOSTLY CLEAR. LOWS 50 TO 55. HIGHS 62 TO 67. SOUTHWEST WINDS 5 TO 11 MPH. GUSTS TO 20 MPH OVER RIDGES.

.WEDNESDAY...

MOSTLY CLEAR. LOWS 44 TO 49. HIGHS 64 TO 69. WEST TO NORTHWEST WINDS 5 TO 8 MPH. LIGHTER WINDS OVER RIDGES.

.THURSDAY...

MOSTLY CLEAR. LOWS 49 TO 54. HIGHS 69 TO 74. NORTHWEST WINDS 5 TO 10 MPH. LOWERING HUMIDITY.

.FRIDAY...

CLEAR. LOWS 54 TO 59. HIGHS 76 TO 81. NORTH WINDS 5 TO 10 MPH. CONTINUED LOWERING HUMIDITY.

FORECASTER...JHM
REQUESTED BY...KEN LARSON FBAN
REASON FOR REQUEST...WILDFIRE

INCIDENT RADIO COMMUNICATIONS PLAN	1. Incident Name Daves	2. Date/ Time Prepared 6/16/2013 7:30	3. Operational Period Date/Time 06/17/2013 to 06/20/2013 Extended
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4. Basic Radio Channel Utilization

Mode: W-Wideband Analog, N-Narrowband Analog, D-Digital, M-Mixed

Channel	Function	Frequency	Tone	Mode	Assignment	Remarks
1	MNF	RX	169.1750		N	
		TX	169.1750			
2	MNF Rpt.	RX	169.1750		N	Tone 9 (100.0)
		TX	169.9750	9.0		
3	MNF Fire	RX	171.5500		N	
		TX	171.5500			
4	MNF F Rpt	RX	171.5500		N	Tone 9 (100.0) Command
		TX	164.5000	9.0		
5	MNF S	RX	171.7000		N	
		TX	171.7000			
6	MNF S Rpt	RX	171.7000		N	Tone 1(110.9), Tone 2 (123.0) and Tone 9 (100.0)
		TX	172.4000			
7	NIFC T 2	RX	168.2000		N	
		TX	168.2000			
8	NIFC T 1	RX	168.0500		N	
		TX	168.0500			
9	NIFC T 3	RX	168.6000		N	
		TX	168.6000			
10	R5 T 4	RX	166.5500		N	OPS Primary TAC
		TX	166.5500			
11	R5 T 5	RX	167.1125		N	
		TX	167.1125			
12	R5 T 6	RX	168.2350		N	
		TX	168.2350			
13	R5 A/G 3	RX	167.5000		N	CA02 Primary
		TX	167.5000			
14	A/G	RX	169.1500		N	Primary Air to Ground
		TX	169.1500			
15	CDF A/G R	RX	151.2200		N	
		TX	151.2200			
16	CALCORD	RX	156.0750		N	Tone 6 (156.7)
		TX	156.0750	6.0		

5. Prepared by (Communications Unit)
Jim Lewis COML

MEDICAL PLAN	1. INCIDENT NAME: DAVES	2. DATE PREPARED: 06/16/2013	3. TIME PREPARED: 1000	4. OPERATIONAL PERIOD DAY 06/17 to 6/20, 2013
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5. INCIDENT MEDICAL AID STATIONS				
MEDICAL CREW	LOCATION	PARAMEDICS		
		Yes	No	
Erik Schroth	Line Day- Willows Night	X		
Craig Sloan	Line Day- Willows Night			X

6. TRANSPORTATION				
A. Ambulance Services				
NAME	LOCATION	PHONE	PARAMEDICS	
			Yes	No

B. AIR AMBULANCE				
NAME	LOCATION	PHONE	PARAMEDICS	
			Yes	No
Enloe Flight	Chico	911	X	
CHP (Hoist) – Daytime only	Redding	911	X	
Reach	Lakeport	911	X	
CalFire (Hoist)	Vina/Howard Forest	911		X

7. HOSPITALS										
NAME	ADDRESS	TRAVEL TIME		PHONE	TRAUMA		HELIPAD		BURN CENTER	
		AIR	GRND		Yes	No	YES	NO	YES	NO
Enloe Medical Center	1530 Esplanade, Chico N39 44.5 X W 121 51.1	32 min	2 Hr	530-895-9107	X		T3			X
Glenn Medical Center	1133 W Sycamore St., Willows N39 31.2 X W 122 12.4	25 Min	2 Hr	530-934-1800		X	T3			X
UC Davis Burn Center	2315 Stockton, Sacramento CA 38 33.30 x 121 27.40	55 min	3.5 Hr	916-734-3636	X		T2		X	

8. MEDICAL EMERGENCY PROCEDURES

<p>LINE EMERGENCY:</p> <p>Crew Supervisor to contact OPS with patient complaint/condition and location.</p> <ol style="list-style-type: none"> OPS contacts: <ul style="list-style-type: none"> Line EMT (If assigned) On scene EMT, OPS or IC decide mode of transportation required. IC will coordinate with MNF to facilitate transportation. <p>If a Medical/Medivac is needed be sure to provide the lat. and long. of the nearest helispot.</p>	<p>TRIAGE CONSIDERATIONS (S.T.A.R.T)</p> <p>Respirations: Over 30/ Under 12 = Immediate</p> <p>Capillary Refill Over 2 seconds = Immediate</p> <p>Mental Status Disoriented = Immediate</p> <p>Immediate = Air Evacuation if possible</p>	<p>PT. ASSESSMENT:</p> <ul style="list-style-type: none"> Mental status B.P. Pulse Skin signs Respirations Crew name and location. <p>WARNING SIGNS OF HEAT ILLNESS INCLUDES THE FOLLOWING:</p> <ul style="list-style-type: none"> An extremely high body temperature (above 103°F). Red, hot and dry skin (no sweating). Rapid, irregular strong pulse Throbbing headache Dizziness, nausea and confusion Unconsciousness <p>HOW TO TREAT HEAT EMERGENCIES IN THE FIELD:</p> <ul style="list-style-type: none"> Move the patient to the shade or provide shade for them Externally cool the patient. Fan them after getting them wet. <p>Drink water constantly through the day. Consider an electrolyte sports drink/powder - 2/1 ratio.</p>
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9. PREPARED BY (MEDICAL UNIT LEADER) Aaron Lowe MEDL Patrick Young MEDL-T	10. REVIEWED BY (SAFETY OFFICER) Line Safety Chuck Frank
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Lookouts Communications Escape Routes Safety Zones	Daves Incident Operation Period: 06/17-20 2013 Extended Day Shift
	Emphasis on Attention to Detail

The Small Things Make a Difference

- **Stay focused on the small things that can compromise your safety**
- **Sometimes multiple small issues can develop into a major problem**
- **Mitigate small issues so they do not snowball into a major issue**
- **Communicate minor problems so everyone is aware**

Fireline Hazards: Steep terrain and difficult footing, hazards from rolling materials, working around heavy equipment, rattlesnakes and other environmental hazards, personnel fatigue, snags and fire weakened trees. If you come across any marijuana grows, stay clear and notify your supervisor.

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

Stay Hydrated

Drink fluids before, during, and after the shift.

For every 2 bottles of water, drink 1 bottle of Gatorade.

At 2% dehydration, performance will fall off by 10-20% and is the #1 trigger of daytime fatigue.

Watch personnel for signs of heat related illness. Take appropriate action to prevent a heat emergency.

**Look Up, Look Down,
Look Around During Mop Up**

***Look Up:** Check the sky for any weather changes such as building or approaching thunderstorms, wind shifts or increasing in speed. Watch for air operations and water drops. Look for snags and the potential for rolling material.

***Look Down:** Watch your footing. Keep an eye out for snakes, bee's nests, Stump holes, and ash pits.



*** Look Around** Check for flagging identifying hazards in the area, and general terrain features. Keep an eye on fellow firefighters for signs of heat stress and fatigue.

INCIDENT RISK ANALYSIS
Daves
(ICS 215A) Day Shift Extended

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	HAZARD TREES/SNAGS	<ul style="list-style-type: none"> • Follow Hazard Tree Safety Guidelines (IRPG p. 20). • Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen. • Be especially alert around snags during wind events or changing wind direction. • Maintain Situational Awareness.
ALL	DRIVING HAZARDS	<ul style="list-style-type: none"> • Narrow dusty roads exist. • Establish one way traffic or coordinate traffic flow if necessary. • 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. • Don't drive when fatigued. Adhere to agency driving regulations and guidelines. • Free ranging cattle (M-4 road).
ALL	HYDRATION	<ul style="list-style-type: none"> • Drinking water before, during and after shifts, up to 1.5 gal. per shift. • Be alert for signs of heat illness in yourself and others. • Drink 2 to 1 water to sports drinks.
ALL	POISONOUS SNAKES, INSECTS	<ul style="list-style-type: none"> • Snakes in base camp/sleeping area. • Securely close tents. • Watch your footing. • Identify, avoid, and get treatment for any bites or stings. • Use caution (for bees, wasps, etc.) when drinking from opened cans.
ALL	STEEP TERRAIN ROLLING MATERIAL	<ul style="list-style-type: none"> • Watch your footing; take your time. • Ensure adequate spacing between crewmembers. • Post lookouts to warn of rolling debris.
ALL	HEAVY EQUIPMENT/DOZERS	<ul style="list-style-type: none"> • Utilize appropriate PPE and equipment safety mechanisms. • Maintain safe working distances. • Utilize observer or spotter. • Ensure the use of effective communication (radio, hand signals). • Identify hazards. • Avoid moving parts.
ALL	MOP UP	<ul style="list-style-type: none"> • Conduct thorough briefing for all personnel (inside rear cover IRPG). • Use all required PPE, including eye protection. • Maintain proper spacing and overhead clearance. • Be alert for stump holes and root cavities. • Minimize exposure to smoke, and rotate personnel into clean air when practical. • Evaluate unburned islands/increase situational awareness.
INCIDENT NAME: Daves ICS 215a	DATE PREPARED: <p style="text-align: center;">June 16 2013</p> TIME PREPARED: 1900 HOURS	OPERATIONAL PERIOD Day Shift 06/17-20/13 0600-1800 -Prepared by S. Davis T O'Connell

**DAVES FIRE
CAMNF-000834
Transportation Map
June 17, 2013**

Estimated Acres: 226

 Pick-up Trucks and Buggies Only
 Two-way Traffic, All Vehicles

 Division

 Fire Perimeter

 Drop Point

 Helibase

 Helispot

 Water Source

 Repeater

