

INCIDENT ACTION PLAN

MCFARLAND FIRE

CA-SHF-001175
P5 N7AN (0514)



Scan QR Code for Maps

OPERATIONAL PERIOD

9/2/2021 0700

to

9/4/2021 1900

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: <p style="text-align: center;">McFarland Fire</p>	2. Operational Period: <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Date From:</td> <td style="border: none;">9/2/2021</td> <td style="border: none;">Date To:</td> <td style="border: none;">9/4/2021</td> </tr> <tr> <td style="border: none;">Time From:</td> <td style="border: none;">0700</td> <td style="border: none;">Time To:</td> <td style="border: none;">1900</td> </tr> </table>	Date From:	9/2/2021	Date To:	9/4/2021	Time From:	0700	Time To:	1900												
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3. Objective(s): <u>Management Objectives</u> <ul style="list-style-type: none"> - Provide for the safety of incident responders and the public through the application of sound risk management and the implementation of tactics that have a high probability of success with the least amount of exposure. - Identify and provide appropriate protection to threatened improvements including dwellings, utility structures, communication towers, water systems, and highways. - Continue the existing developed partnerships through open communication and appropriate resource allocation to meet common objectives. - All suppression repair work will be conducted in close coordination with assigned READs and in compliance with approved Fire Suppression Repair Plan. - Provide for Infectious Disease Control through thoughtful mitigations for the safety of the firefighters and the communities that we serve. 																					
Control Objectives - <ul style="list-style-type: none"> - Keep the McFarland Fire within the established control lines. 																					
General Situational Awareness: <ul style="list-style-type: none"> - Steep and rugged terrain, critically dry and receptive fuel beds, active area for fire history and drought stressed trees. - Enhanced hygiene (especially handwashing), PPE & monitoring practices help limit the infection rate of first responders. 																					
5. Site Safety Plan Required? <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Yes <input type="checkbox"/></td> <td style="border: none;">No <input type="checkbox"/></td> </tr> </table>		Yes <input type="checkbox"/>	No <input type="checkbox"/>																		
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Approved Site Safety Plan(s) Located at:																					
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7. Prepared By:	Position/Title: PSC Signature: <u><i>Tom Ovi</i></u>																				
8. Approved by Incident Commander: ICS 202	Jason Bunker / Terra Perkins Signature: <u><i>JBP</i></u>																				



3 DAY FIRE WEATHER FORECAST



FORECAST NO: 32
PREDICTION FOR: Thu-Sat, Sep 2-4 2021

INCIDENT NAME: McFarland Fire
UNIT: Shasta-Trinity National Forest
SIGNED: Greg Murdoch *Greg Murdoch*

TIME AND DATE
FORECAST ISSUED: Tue Aug 31 @ 1800 hours

Incident Meteorologist – Greg Murdoch

WEATHER DISCUSSION:

Temperatures will start a slow warming trend Friday and by Saturday above normal temperatures are expected. The typical diurnal wind pattern of northwest in the evening and early morning to east and southeast by the afternoon will return with gusts to around 20 mph. Minimum RHs will fall to around 15% or just below that each day.

THURSDAY: Mostly sunny and smoky.

Max Temps: 80-84

Min RH: 15-19%.

Winds: Diurnal winds, northwest turning east and southeast in mid morning, 7-11 mph with G19 mph.

CHANCE OF WETTING RAIN: 0% LAL...1.

FRIDAY: Mostly sunny and smoky.

High Temp: 83-87.

Min RH: 13-17%.

Winds: Diurnal winds, northwest turning east and southeast in mid morning, 7-11 mph with G19 mph.

CHANCE OF WETTING RAIN: 0% LAL...1.

SATURDAY: Mostly sunny and smoky.

High Temp: 84-88

Min RH: 12-16%.

Wind: Diurnal winds, northwest turning east and southeast in mid morning, 7-11 mph with G20 mph.

CWR: 0%. LAL...1.

OVERNIGHTS: Lows from the upper 50s to upper 60s. Recovery poor to fair 35%-50%. Northwest winds develop by 830 PM each evening, occasional gusts to 25 mph.

Contact info...National Weather Service - Sacramento 916-979-3047 / Eureka 707-442-2171


o <https://www.weather.gov/sto/> and <https://www.weather.gov/eka/>

McFarland Fire footprint lies over two NWS zones:

o East side: CAZ263 (NWS Sacramento)

o West side: CAZ283 (NWS Eureka)

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 32	TYPE OF FIRE: Wildfire
FIRE NAME: McFarland	OPERATIONAL PERIOD: September 2-4, 2021 3-day
DATE ISSUED: September 1, 2021	TIME ISSUED: 1900
UNIT: CA-SHF-001175	Prepared: Dan Felix, FBAN 

INPUTS

**** Obtain Spot Weather Forecasts for daily specific weather. ****

WEATHER SUMMARY: Generally static over the next 3 days, becoming slightly warmer and drier

Temp: Up slightly.

RH: Down slightly.

Winds: Mostly diurnal.

Refer to the 3-day Fire Weather Forecast for forecasted weather.

GENERAL

Fuels in most of the fire area are timber understory, some timber litter at the upper elevations, transitioning to brush and grass at the lower elevations. with areas of brush and grass mostly on the east side. Fire Danger Indices have been quite high, Energy Release Component between 90th and 97th percentile, 1000-hour are at or near the 97th percentile. This area is at critical levels for Live Fuel Moisture, i.e., 90% in Manzanita. Surrounding fuels continue to be very receptive to ignition and spread from any new starts in the area. Containment lines have withstood long periods of low RH and testing winds and can be expected to remain secure.

Specific areas of concern:

The remaining concern is ground fuels that continue to burn down, stump holes and dozer piles will continue to hold heat for quite some time. If any of these are near enough to remaining surface fuels, especially under unburned canopy, there is a chance that surfacing winds could cause some increase in activity within the containment lines.

Air Operations: Smoke and haze may adversely affect operations.

SAFETY

A lot of very good work got us to where we are at in containing this fire. Active fire hazards have been mitigated but weakened trees, hot stump holes and dozer piles remain.

"Great results can be achieved with small forces." – Sun Tzu

SAFETY MESSAGE

INCIDENT: MCFARLAND FIRE

DATE: 9/2-3-4/2021 0700-1900

Major Hazards and Risks

Keep your head in the game, stay focused. Complacency and attitude is your enemy!

Steep Terrain: Watch your footing, heads-up for roll out material.
Review your line construction guidelines.
Increased travel time to get to Safety Zones.

Fire Behavior/Weather: Due to the low humidity & high temperatures the possibility of fire activity could increase.

Fatigue: Monitor personnel for fatigue and recognize that it impacts everyone's safety.
Ensure drivers are not too fatigued to operate vehicles.

Heat Disorders: Drink plenty of fluids. Try to stay away from energy drinks. Hydrate early and often.
Proper nutrition goes hand in hand with hydration. Keep fuel in the tank.

Wildlife and Critters: This is their home, stay heads up for Rattlesnakes, Bears and Mountain Lions.

Aircraft: If the need occurs, take appropriate precautions when working around and under aircraft.

Driving: Drive Defensively! Be aware of local traffic on HWY 36. School is back in session so take extra precaution for children and school buses on the highway.
Mandatory: Seat belts and headlights on. No use of cell phones while operating equipment.

Communications: Review Communications Plan before engaging. Remain in Communications with your supervisor at all times.

Situational Awareness: Slow down and think!
Check the Weather Reports for the day in your IAP.
Identify escape routes, safety zones, and how long does it take you to get there.

General Safety

- **Team leaders:** Recognize your crew members that follow proper safety procedures.
- **All Supervisors:** Give good tail gate safety briefings on every hazard that is in your division.
- Wear appropriate PPE for the assigned tasks.
- Make sure that your supervisor is notified of all injuries and accidents related to the incident.
- Maintain Situational Awareness at all times. Know what your assignment is.

INCIDENT ACTION PLAN RISK ASSESSMENT (ICS 215A)

1. Incident Name: McFarland Fire		2. Incident Number: CA-SHF-001175		3. Operational Period: 9/2/21-9/4/21 (0700-1900)		4. Location: Shasta-Trinity National Forest				
5. Prepared by: (Safety Officer Signature & Date) /S/ John Bates, Tom Sherman SOF2 CIIMT11		6. Prepared by: (Operations Section Chief Signature & Date) Sam Marouk, Mark Lamont		7. Decision by: (Incident Commander Signature & Date) Chris Fogle, Norm Walker						
Identify Hazards		Assess Hazards		Develop Controls		Implement				
8. Task	9. Hazard	10. Hazard Probability	11. Severity	12. RAC	13. Identify hazard mitigations & controls <small>(press [alt] + enter) to add a line)</small>	14. Hazard Probability	15. Severity	16. RAC	17. Task Necessary?	18. Hazard Control Assigned to:
Air quality	Respiratory hazard	Likely	Moderate	High	~ Putting out the fire can control the quality of the air. ~ Respirator issues can be a problem... ~ Itchy watery burning eyes is a symptom ~ Use defensive driving techniques. ~ Fasten seat belts. ~ Drive posted speed limits. ~ Drive through the community with courtesy. ~ Drive with headlights on. ~ Be cautious of logging trucks on HWY 36	Possible	Moderate	Moderate	YES	Individuals
Driving	Driving hazards on incident	Possible	Critical	High		Possible	Moderate	Moderate	YES	Operators

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

CONTROLLED UNCLASSIFIED
INFORMATION//BASIC

1. Incident Name: <h2 style="text-align: center;">McFarland Fire</h2>	2. Date/Time Prepared Date: 09/01/2021 Time: 1730	3. Operational Period: Date From: 09/02/21 Time From: 0700 Date To: 09/04/21 Time To: 1900
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4. Communications								
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
1	TACTICAL	SFMU	I/A	167.2250		167.2250	(T7) 167.9	
2	DISPATCH	SHF-R	REDDING	171.5750		165.0125	OST	Tones 14, 12, 8, 11 & 4
3	TACTICAL	NIFC T2	I/A	168.2000		168.2000		
4	TACTICAL	R5 TAC 4	I/A	166.5500		166.5500		
5	TACTICAL	R5 TAC 5	All Divisions	167.1125		167.1125		
6	COMMAND	SERV-R	All Divisions	171.5000		164.8250	OST	Tone 12 (Red Mtn) or Tone 4 (Hayfork Bally)
7	DISPATCH	XTR-R	TRINITY FIRE	154.7850	(T11) 114.8	158.7600	OST	
8	TRINITY TAC	XTR T6	I/A	154.4300		154.4300	OST	
9	DISPATCH	CZU-TGU	RED BLUFF	151.3700	(T5) 146.2	159.2850	OST	
10	TACTICAL	CDF T4	I/A	151.1900	(T16) 192.8	151.1900	(T16) 192.8	
11	DISPATCH	SHU	REDDING	151.1600	(T4) 136.5	159.2700	OST	
12	TACTICAL	CDF T11	I/A	151.4450	(T16) 192.8	151.4450	(T16) 192.8	
13	DISPATCH	SRF-R	FORTUNA	172.3750		164.1750	OST	
14	MEDICAL	CALCORD	All Divisions	156.0750	(T6) 156.7	156.0750	(T6) 156.7	
15	AIR TO GROUND	R5 AG08	All Divisions	166.8750		166.8750		
16	AIR TO GROUND	R5 AG43	I/A	167.6000		167.6000		
17								
18								
19								
20								

5. Special Instructions
 CLONE NAME: SFMU

6. Prepared by (Communications Unit Leader): Name: Terra Perkins ICT4 (T)	/S/ Terra Perkins
ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION//BASIC	Date/Time: 9/1/2021

NOTICE

If you answer “yes” to any of these questions, you should NOT enter the ICP

If you have not been vaccinated, do you have or have you recently been exposed to COVID-19?
Do you have any of the following symptoms?

- Fever or chills
- Cough
- Shortness of breath
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Difficulty breathing
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

By entering the ICP, you certify you answer **NO** to the above questions.

To help us reduce the spread of COVID-19, please wear a mask and maintain physical distance *EVEN* if you are vaccinated.

Thank you for your cooperation and patience.



Local Government Resources on CFAA

If you are demobing and there is no OES AREP there:

- Have the FSC or IC review and sign your 42s
 - You give the incident the pink copy
 - You keep the gold copy
- You mail the white and green (if it has a green) to OES Headquarters per the instructions on the 42

**OES JOB AIDS, FORMS, F-42 SAMPLES AND
CFAA AGREEMENT**



Your OES Fire & Rescue Assistant Chief

Patrick Titus

916-634-9225

RESOURCE ADVISOR MESSAGE

White/Yellow Striped Flagging: Resource concerns present. Please avoid flagged area and contact a Resource Advisor for preferred mitigation.

Orange and Black “NOXIOUS WEED” flagging: Noxious weeds present. Please avoid flagged area.

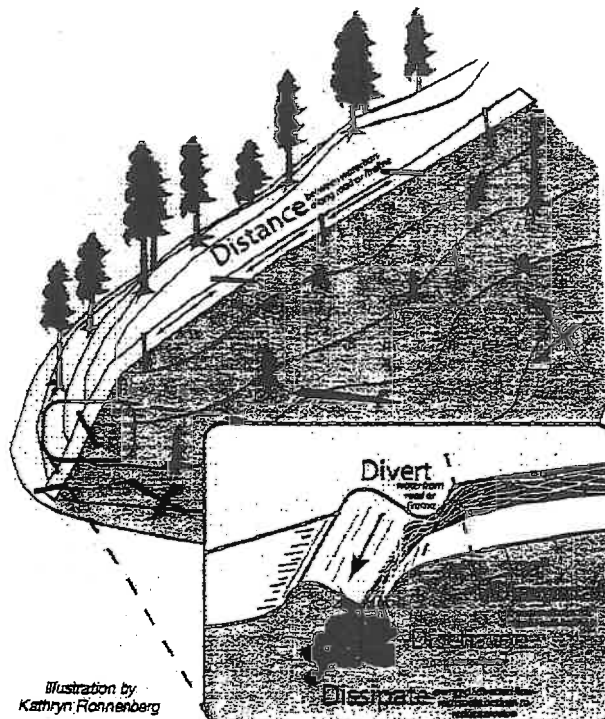
Effective Waterbars

When locating and building water bars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them deep enough so they'll be durable, and that soil does **not block** the water bar outlet.

Recommended spacing for waterbars on firelines.

Fireline slope %	Maximum Distance Apart (feet)
1 – 5	200
6 – 20	125
21 – 40	60
41 – 60	40
>60	25

Waterbars should be at least 2 pulaski (4-6 inches) widths wide and 12-24 inches high for handlines.



*Illustration by
Kathryn Ronnenberg*

1. Incident Name				2. Operational Period							
McFarland Fire				Date/Time: 9/2/21-9/4/21 (0700-1900)							
3. Ambulance Services and Medical Aid Stations											
Name		Location (Address)		Phone		Advanced Life Support (ALS) Yes No					
AMR		4451 Caterpillar Rd. Redding, CA 96003		McFarland Communications		X					
Dignity Health Ambulance		2175 Rosaline Ave. Redding, CA 96002		McFarland Communications		X					
4. Air Rescue / Air Ambulance Services											
Name		Phone		Type of Aircraft & Capability							
REACH 5		McFarland Comm.		24 hr. No Hoist, ALS (ETA 20 min)							
CHP H14 & H16		McFarland Comm.		24 hr. Day Hoist, ALS (ETA 20-30 min)							
PHI Medical		McFarland Comm.		24 hr. ALS (ETA 20-30 min)							
National Guard C-820		McFarland Comm.		24 hr. Hoist ALS (ETA 20-30)							
US Coast Guard		McFarland Comm.		Day / Night Hoist, BLS (ETA 60-90 min)							
5. Hospitals (all times estimated from incident location)											
Name & Level		GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time (From ICP)		Phone		Helipad		Address	
				Air	Gnd			Yes	No		
Mercy Medical Center Redding Level II Trauma		Lat:	N 40° 34.33'	20 min	1 hr	530-225-6000	X		2175 Rosaline Ave. Redding, CA		
		Long:	W 122° 23.80'								
Shasta Regional Medical Center Level III Trauma		Lat:	N 40° 35.17'	20 min	1 hr	530-244-5400	X		1100 Butte St. Redding, CA		
		Long:	W 122° 23.27'								
UC Davis Medical Center Level 1 Trauma/ Burn		Lat:	N 38° 33.28'	70 min	4 hrs	916-734-3636	X		2315 Stockton Blvd. Sacramento, CA		
		Long:	W 121° 27.35'								
6. Division / Crew Emergency Pre-Plan								<i>Update and discuss with assigned resources daily.</i>			
Fireline EMT / Medic's Division / Branch / Location											
Air Hoist site location site: Lat: / Long: / Elevation:											
Helispot: Lat: / Long: / Elevation: MED LZ:											
7. Prepared By (Medical Unit Leader)				8. Date/Time		9. Reviewed By (Safety Officer)				10. Date/Time	
/s/ MEDL Scott Hamilton				9/1/21 / 1800		/s/ SOF2 Tom Sherman /s/ SOF2 John Bates				9/1/21 / 1800	

Medical Incident Report

FOR A **NON-EMERGENCY INCIDENT**: WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.

FOR A **MEDICAL EMERGENCY**: IDENTIFY ON SCENE POINT OF CONTACT BY NAME AND POSITION AND ANNOUNCE **"MEDICAL EMERGENCY"** TO INITIATE RESPONSE FROM COMMUNICATIONS

Use the following items to communicate situation to communications/dispatch.

1. CONTACT COMMUNICATIONS / DISPATCH (Verify correct frequency prior to starting report)

Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."

2. INCIDENT STATUS: Provide incident summary (including number of patients) and command structure.

Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree.

Requesting air ambulance to Forest Road 1 at (Lat./Long.)

"This will be the Division W Medical, POC is TFLD Jones. EMT Smith is providing medical care."

Severity of Emergency AND Transport Priority (Priority 1, 2, 3)	<input type="checkbox"/> RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2^o - 3^o burns more than 4 palm sizes, heat stroke, disoriented.</i> <input type="checkbox"/> YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary. <i>Ex: Significant trauma, unable to walk, 2^o - 3^o burns not more than 1-3 palm sizes.</i> <input type="checkbox"/> GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport <i>Ex: Sprains, strains, minor heat-related illness.</i>
Nature of Injury or Illness & Mechanism of Injury	Brief Summary of Injury or Illness <i>(Ex: Unconscious, Struck by Falling Tree)</i>
Transport Request	Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location	Descriptive Location & Lat. / Long. (WGS84)
Incident Name	Geographic Name + "Medical" <i>(Ex: Trout Meadow Medical)</i>
On-Scene Point of Contact	Name of on-scene POC of Incident within an Incident <i>(Ex: TFLD Jones)</i>
Crew Patient Care	Name of Care Provider <i>(Ex: EMT Smith)</i>

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient as applicable (start with the most severe patient)

Patient Assessment: <small>(IRPG PAGE 106)</small>	Age:	Weight:	Chief Complaint:
Skin Signs: (color/moisture/temp)	Level of Consciousness:	BP:	HR: Respirations:
Treatment:			

4. TRANSPORT PLAN:

Evacuation Location (drop point, intersection, helispot, Lat. / Long, hazards)	Patient's ETA to Location:
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5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:

Paramedic / EMT - Crews - Immobilization Devices - AED - Oxygen - Trauma Bag - IV/Fluid(s) - Splints - Rope rescue - Wheeled litter - HAZMAT - Extrication

6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable

Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL					

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

8. ADDITIONAL INFORMATION: Updates/Changes, etc.

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

*** Follow up with MEDL upon return to ICP ***

