

Monday

# INCIDENT ACTION PLAN

## River Incident

CA-MMU-014714



### OPERATIONAL PERIOD

7/19/2021 0700

to

7/20/2021 0700





# INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b> River Incident	<b>2. Operational Period:</b>	Date From: 7/19/2021 Time From: 0700	Date To: 7/20/2021 Time To: 0700
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**3. Objective(s):**

- Management Objectives
- Provide for emergency personnel and public safety at all times.
  - Ensure COVID-19 precautions and best practices are met at all times.
  - Protect property, improvements, and infrastructure.
  - Ensure coordinated, timely and accurate release of public information.
  - Foster and maintain relationships with all cooperators and stakeholders.
  - Protect economic, natural, cultural and heritage resources.
  - Maintain fiscal accountability and keep costs commensurate with values at risk.

- Control Objectives
- Keep the fire within the current fire perimeter.

**General Situational Awareness:**

In the COVID-19 environment, high density populations or large groups are particularly at risk. To help protect yourself, your family and to ensure all employees return home safely, make sure to practice social distancing.

Enhanced hygiene (especially handwashing), PPE & monitoring practices help limit the infection rate of first responders.

**5. Site Safety Plan Required?** Yes  No

**Approved Site Safety Plan(s) Located at:**

- 6. Incident Action Plan**
- |   |  |   |   |
|---|--|---|---|
| <input checked="" type="checkbox"/> ICS 203 | <input type="checkbox"/> ICS 220                     | <input type="checkbox"/> Peer Support         | <input type="checkbox"/> Ground Support Map           |
| <input checked="" type="checkbox"/> ICS 204 | <input checked="" type="checkbox"/> PIO Message      | <input type="checkbox"/> Facilities Map       | <input type="checkbox"/> Travel Map                   |
| <input checked="" type="checkbox"/> ICS 205 | <input checked="" type="checkbox"/> Weather Forecast | <input type="checkbox"/> eFC-33 Input Form    | <input type="checkbox"/> Base Camp Maps               |
| <input checked="" type="checkbox"/> ICS 206 | <input checked="" type="checkbox"/> Fire Behavior    | <input type="checkbox"/> Shift Ticket Example | <input type="checkbox"/> Fire Suppression Repair Plan |
| <input checked="" type="checkbox"/> ICS 208 | <input type="checkbox"/> Training Message            | <input checked="" type="checkbox"/> ICS 214   | <input type="checkbox"/>                              |

<b>7. Prepared By:</b> J. Anderson	Position/Title: PSC	Signature:
<b>8. Approved by Incident Commander:</b>	J. Beery	Signature:







# INCIDENT Weather Forecast



**FORECAST NO:** 6  
**PREDICTION FOR:** 24 Hour Shift  
**SHIFT DATE:** 07/19/21  
**FORECAST ISSUED:** 07/18/21 1700

**NAME OF FIRE:** River  
**UNIT:** Cal Fire MMU  
**SIGNED:** James Dudley  
**Incident Meteorologist**

**WEATHER DISCUSSION:** Monsoonal moisture from the south will continue to move into the area on Monday and this will keep the chance of thunderstorms in the forecast through the day. A shift in the winds aloft to the southwest will bring in drier air to the region Monday evening and Tuesday and this will confine the threat of thunderstorms on Tuesday to the Sierra Crest, well east of the fire area. Heavily dependent on the amount of cloud cover, temperatures will trend down on Monday with relative humidity trending higher. With fewer clouds if any on Tuesday, temperatures will again trend warmer with relative humidity slightly lower. Winds will remain generally light and terrain driven however if thunderstorms develop or move near the fire area, gusty and erratic winds can be expected.

**...Red Flag Warning for Dry Lightning through 1700 Monday...**

**. MONDAY . . .**

Sky/weather.....Partly cloudy with a 30 percent chance of thunderstorms.  
CWR.....20 percent.  
LAL.....3.  
Max temperature.....89-94.  
Min humidity.....22-27 percent.  
Eye level winds.....South 1-5 mph through 1000, becoming west-southwest 3-8 mph with gusts to 15 mph after 1100.  
Surrounding ridge...East 8-12 through 1200 then becoming west 4-8 mph.  
Mixing height.....8500 ft AGL.  
Transport winds.....South-southeast around 8 mph.


**. MONDAY NIGHT . . .**

Sky/weather.....Partly cloudy.  
Min temperature.....75-80.  
Max humidity.....35-40 percent.  
Eye level winds.....West-southwest 5-9 mph with gusts to 18 mph before 2000, then downslope 1-4 mph.  
Surrounding ridge...West 2-5 mph.  
Mixing height.....2000 ft AGL.  
Transport winds.....East around 5 mph.

**. TUESDAY . . .**

Sky/weather.....Mostly sunny.  
Max temperature.....93-98.  
Min humidity.....20-25 percent.  
Eye level winds.....South 1-5 mph through 1000, becoming west-southwest 3-8 mph with gusts to 15 mph after 1100.  
Surrounding ridge...West to northwest 8-11 mph.  
Mixing height.....9000 ft AGL.  
Transport winds.....South-southeast around 10 mph.

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 7	TYPE OF FIRE: WILDFIRE
FIRE NAME: RIVER CAMMU-014714	OPERATIONAL PERIOD: 7/19-7/20/21 0700-0700
DATE ISSUED: 7/18/2021	TIME ISSUED: 1900
UNIT: CALFIRE MADERA MARIPOSA MERCED	SIGNED:  Typed/printed: Stephen Volmer FBAN

## INPUTS

### WEATHER SUMMARY:

#### **\*\*THREAT OF T-STORMS WITH DRY LIGHTNING AND ERRATIC OUTFLOW WINDS\*\***

Temperatures will be in the low 90's with minimum relative humidity of 27%. Winds will shift from south to west-southwest after 11am ranging from 3-8 mph with gust to 15 mph. Overnight humidity recovery will reach the high 30's with temperatures in the upper 70's. Values may change due to the density of cloud cover.

#### **RED FLAG WARNING WILL END AT 17:00 TONIGHT**

**\*\*Review the weather forecast for more details\*\***

## OUTPUTS

### FIRE BEHAVIOR

FUEL MODEL	RATE OF SPREAD FT/MIN	FLAME LENGTH FT	SPOTTING DISTANCE	PROBABILITY OF IGNITION
GRASS	102	5	.20 mi	89%
BRUSH	119	25	.75 mi	89%
OAK WOODLAND	10	3	.15 mi	89%

### GENERAL:

All the fuel in the area is extremely dry and receptive to ignition. Current ERC's are at the 97<sup>th</sup> percentile. Local fuel moistures are at critical levels. Heavy fuels and fire weakened trees will continue to smolder and be a source of deep-seated heat, very hot ash pits, and stump holes throughout the fire area.

**\*\*Fire Behavior values are valid for any new ignitions west of HWY 49\*\***

### SPECIFIC:

- Lightning holdovers (sleepers) could be present for days after an event before showing smoke.
- Fuels in the area are at or near critical levels. Current ERC and 100hr indices are high, and fuels are very receptive to ignition.
- Multiple drainages containing heavy fuels are in alignment with the winds and topography and will produce dangerous rates of spread for new ignitions or rollout across the control lines.

### AIR OPERATIONS:

Cloudy skies across the area, with transport winds out of the south-southeast 8 mph, blowing the smoke towards the valley. Ridgetop winds will shift from east 8-12mph to the west 4-8 after 12:00, with a mixing height of 8,500' AGL.

**EXPECT ERRATIC WINDS ACROSS ALL RIDGETOPS AND THROUGH THE DRAINAGES**

Sunset 20:16

Sunrise 05:54

### SAFETY:

- Know where your escape routes and safety zones are and have an alternate route to them if possible.
- Roads and crossings may become impassable due to wet conditions.
- Be alert. Keep calm. Think clearly. Act decisively.
- **Review IRPG page 21 for more information on Thunderstorm Safety.**





# SAFETY MESSAGE

## RIVER INCIDENT



1. Incident Name: <b>RIVER</b>	2. Operational Period: Date From: 07/19/21 Date To: 07/20/21 Time From: 07:00 Time To: 07:00
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### CHANGING WEATHER PATTERN: THUNDERSTORMS & LIGHTNING POTENTIAL.

#### HEALTH & WELLNESS: Take Care of Ourselves & Others:

Be cognizant of COVID-19 Best Practices – Wipe Surfaces & Door Handles.  
 MONITOR yourself and your assigned personnel for FATIGUE and DEHYDRATION.  
 Avoid Complacency; Maintain Good Work Rest Cycles.  
 Caution: Rattle Snakes are out.

#### MOP UP Operations:

WATCH OUT for Fire Weakened trees: especially with wind. LOOK Up!  
 Watch your FOOTING, pre-plan work, Pace your operation(s).

#### DEFENSIVE DRIVING REQUIREMENTS: Be the PROFESSIONAL:

CAUTION with congestion or blind corners; watch for civilian traffic.  
 EVALUATE your driving routes; monitor speed, gear selection, & brakes.  
 TURN ON headlights; prepare for the unexpected.  
 UTILIZE chocks, backers and spotters; when in doubt scout it out!

#### New Starts and Flare Up Potential:

MONITOR Winds changing and increasing; monitor weather conditions/take weather.  
 Fuels: RECEPTIVE - Rates of Spread: Spotting – Watch for alignment!  
 ANTICIPATE Fire Behavior & Rates of Spread for flare ups or roll out.

#### Terrain & Drainages:

Steep, Footing Issues, Access Issues – Creates alignment and Safety Issues.  
 WATCH OUT for fires establishing in River Bottoms; have look outs & Escape Routes.

#### Primary, Alternate, Contingency, Emergency Planning;

Calculate Risk and Take Appropriate Actions based on predicted extreme fire behavior and available resources; have them in-place prior to executing any plan.

**REST when opportunity provides itself; SEEK Shade. Hydrate!**

4. Site Safety Plan Required? Yes  No

5. Prepared by: Name: J. Anderson

ICS 208	Date/Time: July18, 2021 1300hrs
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**RIVER Fire**  
**RISK ANALYSIS (ICS 215-A)**

1. Incident Name: RIVER		2. Incident Number: CA-MMU-014714
3. Incident Area	4. Hazards/Risks	5. Mitigations
ALL	<b>COVID 19, ILLNESS, &amp; HYGIENE</b>	Adhere to local, state, federal and CDC health guidelines. Maintain social distancing when applicable. Wear a <b>mask</b> if unvaccinated. Report any illness symptoms immediately to a supervisor. Hygiene, hand washing, and disinfecting of surfaces & handles often.
ALL	<b>FATIGUE, &amp; COMPLACENCY</b>	Be alert for signs of fatigue and distractions; remain engaged. Don't underestimate the task at hand. Adhere to work/rest cycle for all task(s). <b>Drink water</b> before, during and after shifts, up to 1.5 gal. per shift. Watch for stack-effect of fatigue and exhaustion; REST & Plan operations.
ALL	<b>WEATHER &amp; LIGHTNING</b>	Continue Hot & Dry conditions; seek shade when you can; cool. Thunderstorms & Lightning potential to move over the fire area and region. See CAL FIRE Safety Communication 2014-10 in IAP.
ALL	<b>REPTILES &amp; MINE SHAFTS</b>	Watch Out for RATTLESNAKES! Caution to mine shafts that may be in the fire area. Do not enter or seek shade in shafts; stay clear and identify.
ALL	<b>MOP UP, REHAB, &amp; REPAIR</b>	Conduct thorough briefing for all personnel; Assure proper PPE. Follow "Look Up, Look Down, Look Around" procedures. Utilize Risk Management Process...reference the IRPG
ALL	<b>STEEP TERRAIN / ROLLING DEBRIS</b>	Watch your footing while hiking in steep terrain. Be careful of loose rolling debris.
ALL	<b>FALLING MODULES &amp; HAZARD TREES.</b>	The ones that haven't fallen yet; look up, look around – identify hazard trees. Identify and isolate the area to provide for the <b>safety</b> of others. Drought-Stressed Trees are weakened; Flag and make proper notifications. Do not fall trees out of your certification level. Evaluate wind and lean prior to making cuts.
ALL	<b>DRIVING HAZARDS</b>	<b>SLOW DOWN!</b> Do 360's before moving vehicles. Utilize Chocks. Drive with headlights & seatbelts on; drive defensively on steep winding roads. Watch Speed through communities; public perception and safety are key. Utilize spotters and backers; when in doubt, scout it out.
<b>NEW STARTS &amp; FIRE BEHAVIOR</b>		
ALL	<b>NEW START(s)</b>	Know your LCES and maintain Situational Awareness. Use experienced Look Outs. Follow downhill line construction guidelines. Monitor weather for changes in the wind, temp, and RH. Know the forecast. <b>Primary, Alternate, Contingency, Emergency</b> on all new assignments.
ALL	<b>EXTREME FIRE BEHAVIOR</b>	High rates of spread & frontal fire intensity. Watch for <b>alignment</b> conditions & spotting. Caution with added vertical development or wind-driven conditions.
ALL	<b>AIRCRAFT OPERATIONS</b>	Monitor air-to-ground frequency, they are your eyes in the sky. Use air-to-ground frequency to communicate with aircraft. Use clear, concise statements when directing aircraft; <b>CLEAR THE LINE.</b> Only utilize aircraft to insert personnel on the line when necessary.
6. Prepared by: J. Anderson		













## MEDICAL PLAN (ICS 206)

<b>1. Incident Name:</b> River	<b>2. Operational Period:</b> Date From: 7/19/21 Date To: 7/20/21 Time From: 700 Time To: 700
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<b>3. Medical Aid Stations:</b>			
Name	Location	Contact Number/Freq	Physician
			<input type="checkbox"/> No
			<input type="checkbox"/> No

<b>4. Transportation (indicate air or ground):</b>			
Ambulance Service	Location	Contact Number	Level of Service
			ALS
			ALS

<b>5. Hospitals:</b>								
Hospital Name	Address,		Contact Number(s)/ Frequency	Travel Time		Trauma Center	Burn Center	Helipad
	Lat & Long	Helipad		Air	Ground			
John C. Freemont Healthcare	5189 Hospital Rd. Mariposa N 37* 30.00 W -119*58.60		(209)966-3631	:19	1hr	EDAT	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mercy Medical Center	333 Mercy Ave Merced		(209)564-5000		1hr	EDAT	<input type="checkbox"/>	<input type="checkbox"/>
Community Regional Medical Ctr	2823 Fresno St. Fresno 93721 N 36* 44.58 W -119* 47.10		(559)442-2342	:32	1hr	Level 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>


<b>6. Special Medical Emergency Procedures</b>	
<p><b>Line Emergency</b> Crew Supervisor will contact Division Supervisor with patient complaint/condition and location.</p> <p>- Division Group Supervisor Contacts: 1. Closest EMS resource 2. Mariposa ECC</p> <p>- Communications Unit Contacts: 1. Ground or Air ambulance as requested. 2. Operations 3. Safety</p> <p>- Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel. 1. A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of the emergency.</p> <p>- Communications Unit will clear the Command channel for emergency traffic as needed for duration of the need.</p> <p>- Medical Unit contacts 1. Communications 2. Operations 3. Crew Supervisor</p>	<p><b>Injury Reporting Procedures</b></p> <p><b>Nature of Injury:</b> _____  <b>Location of Patient:</b> _____  <b>Point of Contact:</b> _____  <b>Transportation Requested by:</b> Air _____ Ground _____  <b>Point of Pick-Up:</b> _____    <b>Lat:</b> _____ <b>Long:</b> _____  <b>Patient Unit ID:</b> _____  <b>Is an EMT with Patient:</b> Yes _____ No _____  <b>Age:</b> _____ <b>Sex:</b> Male _____ Female _____</p> <p><b>ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.</b>  <b>**IN CAMP EMERGENCY**</b>  <b>(619)818-8437</b></p>

Check box if aviation assets are utilized for rescue. If assets are used, coordinate with Air Operations.

<b>7. Prepared by:</b> M. Thomas	<b>Signature:</b>
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<b>8. Approved by:</b> J. Anderson	<b>Signature:</b>
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ICS 206	NIMS IAP	Date/Time: 7/18/2021 1700
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ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN										CONTROLLED UNCLASSIFIED INFORMATION/BASIC	
1. Incident Name: <b>River Incident</b>		2. Date/Time Prepared Date: 07/18/2021 Time: 1600		3. Operational Period: Date From: 07/19/21 Time From: 0700 Date To: 07/20/21 Time To: 0700							
4. Communications											
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes			
1	COMMAND	MMU LOCAL 2		151.1525N	123.0 (T2)	159.3375N	146.2 (T5)				
2	TACTICAL	CDF T26		159.2925N	192.8 (T16)	159.2925N	192.8 (T16)				
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15	MEDICAL	CALCORD		156.0750N	156.7 (T6)	156.0750N	156.7 (T6)				
16	EMERGENCY	GUARD 19		168.6250N		168.6250N	110.9 (T1)				
17											
18											
19											
20	EMERGENCY	GUARD 19		168.6250N		168.6250N	110.9 (T1)				
5. Special Instructions											
6. Prepared by (Communications Unit Leader): Name: J. Anderson										Signature: 	
ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION/BASIC										Date/Time: 07/18/2021 1600	







# PUBLIC INFORMATION

## Official Sources of Public Information

Incident Information Line: (844) 668-3473	Incident Media Line: (559) 706-8828
Incident Website: <a href="http://www.fire.ca.gov/incidents">www.fire.ca.gov/incidents</a>	



@CALFIREMMU

STATUS	
Incident Start Date: July 11, 2021	Total Personnel:
Acreage:	Containment:

### Media Law

The California State Penal Code Section 409.5(d) allows the news media to enter scenes of disaster, riot, or civil disturbance. Properly identified members of the news media should not be restricted from entering locations specified within the code. However, this does not include crime scenes, and does not imply that the news media may interfere with incident operations while they are in the areas of concern. If entering such a location that is hazardous, they should be advised; media access cannot be prevented for safety reasons unless their presence would impede CAL FIRE's mitigation of the incident or the disturbing of evidence. When working around the media, remember:

- Media **is not permitted** on private property without the property owners permission.
- If approached and questioned by the media and or the public, talk about your assignment or task at hand. Remember to wear all the appropriate PPE.
- If needed call for an incident PIO through the chain of command.
- Never speculate, give opinions or speak for others.
- There is no such thing as an "off the record" comment.

### CAL FIRE Social Media Policy (Social Media 0691)

Social Media is increasingly being used by public agencies, the media as well as the public. This form of communication continues to grow rapidly in order to supply the instant gratification needs of society. Therefore when on a CAL FIRE incident you will adhere to the CAL FIRE Social Media Policy, 0691. You can get further information about the CAL FIRE Social Media Policy from the incident Public Information Officer. While assigned to the incident, there will be no posting of:

- Inappropriate information or materials, no opinions, no endorsements, inappropriate pictures or videos

### Lost and Found

The Information Section will manage Lost and Found items for the incident. If you have lost an item leave your contact information and what you have lost at the Information Section. If you have found an item on the incident bring the item to the Information Section with your contact information as well.

### River Fire ICP

**CAL FIRE Mariposa Headquarters**  
**5366 Highway 49 N**  
**Mariposa, CA 95338**







