

INCIDENT ACTION PLAN

RIVER COMPLEX

CA- SHF-002066

P5J0HR 0514

September 6th, 2015
through
September 10th, 2015

0600-1800

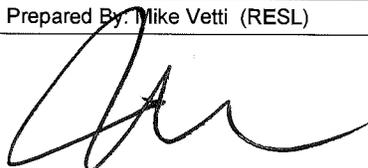
SCAN DAILY FOR UPDATED MAPS



MOBILE INCIDENT MAPS



INCIDENT OBJECTIVES	Incident Name RIVER COMPLEX	Date 9/5/15	Time 2000
Operational Period SEPTEMBER 6 – 10, 2015 0600 - 1800			
General Control Objectives for the Incident (include alternatives) MANAGEMENT OBJECTIVES: <ul style="list-style-type: none"> • Provide for the safety of all responders and the public by utilizing national Risk Management Standards. • Reduce firefighter exposure by only engaging areas of the fire with the highest probability of success. • Engage cooperators and stakeholders to jointly provide for the defense of communities, infrastructure and other economic interests. • Utilize local resource specialists to identify and protect sensitive sites when possible. • Maintain and enhance community and stakeholder relationships through accurate and timely dissemination of information updates. • Manage costs commensurate with values at risk. • Implement suppression repair plan based on available resources and fire status. CONTROL OBJECTIVES: <ul style="list-style-type: none"> • Keep Fire North and above Hwy 299 to maintain Hwy 299 transportation integrity. • Keep Fire East of the Hoopa Valley Tribal lands and South of the Klamath National Forest to limit cooperator impacts. • Keep Fire West of North Fork of Trinity River to protect non-wilderness values at risk. 			
Weather Forecast for Period SEE ATTACHED FORECAST			
General Safety Message <ul style="list-style-type: none"> • Ensure that every mission has a purpose, and that the potential gains of all tactical operations are commensurate with the risk involved. 			
Attachments (mark if attached)			
<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 type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> LCES Worksheet	
Prepared by (Planning Section Chief) Mitch Diehl 	Approved by (Incident Commander) Rocky W. Opliger 		

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name River Complex		Day Ops Chief	Steve Clark
2. Date 9/5/2015		Night Ops Chief	
3. Time 20:10		Planning Ops	
4. Operational Period SEPTEMBER 6 – 10, 2015		a. Branch I – Division/Groups	
0600 - 1800		Branch	
Position		Division/Group	A UNSTAFFED
Name		Division/Group	Suppression Repair Jesse Brunk
5. Incident Commander and Command Staff		Division/Group	N Warren Swab
Incident Commander	Robert Holt / Josiah Obst (T)	Division/Group	O UNSTAFFED
Deputy IC		Division/Group	
Liaison		Division/Group	
Safety Officer	Phillip Young		
Information Officer	Norm Rooker	b. Branch II – Division/Groups	
		Branch	
6. Agency Representative		Division/Group	
Agency	Name	Division/Group	
SHF Agency Admin Rep	Matt Boisseau / Tina Lynsky	Division/Group	
SRF Agency Admin Rep	Nolan Colegrove	Division/Group	
		Division/Group	
		c. Branch III – Division/Groups	
		Branch	
		Division/Group	
		Division/Group	
		Division/Group	
		d.	
		Division/Group	
		Manager	
7. Planning Section		e. Air Operations Branch	
Chief	Bobby Olds	Air Operations Branch Director	
Deputy		Air Support Group Supervisor	
Resources Unit	Melania Stoeber	Air Tactical Group Supervisor	
Situation Unit		Helitack Base Manager	
Documentation Unit			
Demobilization Unit			
Fire Behavior Unit		10. Finance Section	
Incident Meteorologist		Chief	Vicki Wilson
Technical Specialist		Deputy	
Training Specialist		Personnel Time Unit	Crystal Sisto-Druk
GISS	Melania Stoeber	Equipment Time Unit	
HRSP		Cost Unit	
Status Check-In		Compensation / Claim Unit	
8. Logistics Section		Procurement Unit Leader	
Chief	Chuck House	IBA	
Deputy			
Supply Unit		Prepared By: Mike Vetti (RESL)	
Facilities Unit	Jeff Dixon		
Ground Support Unit	Cliff Twine		
Communications Unit			
Medical Unit			
Food Unit			



River Complex Fire Weather Forecast



FORECAST NO: 36

NAME OF FIRE: River Complex

PREDICTION FOR: Sun Sept 6th – Thu Sept 10th

UNIT: SHF/SRF

SHIFT DATE: 0600 Sun -1800 Thu

SIGNED: Eric Evenson

TIME AND DATE

FORECAST ISSUED: 2000 Saturday Sept 5th

Incident Meteorologist

WEATHER DISCUSSION: Much of the operational period will be dominated by a high pressure system that will strengthen over the area with time. As a result, no precipitation is expected today through Thursday. The gradual warming and drying trend continues today through Tuesday with more pronounced warming and drying beginning Wednesday and Thursday. This trend will likely persist beyond this operational period. Look for above normal high temperatures, 80s to lower 90s, by midweek and afternoon relative humidities lowering into the 15 to 30 percent range during each operational period. Moderate humidity recoveries are expected today into Tuesday, then trend toward poor humidity recoveries Wednesday and Thursday. Strong winds are not expected through the period and winds at the lower elevations will be mainly upslope/upcanyon during the day and downslope/downcanyon at night. Ridgetop winds will generally be from the N-NE during the morning hours, then become more N-NW in the afternoon, before going back to the N-NE after sunset. A morning inversion is likely through much of the period with the inversion lifting or breaking by early afternoon. Any smoke would likely be trapped in the lower valleys during the morning.

WEATHER FORECAST FOR TODAY/TONIGHT (Sunday):

WEATHER: Sunny.

TEMPERATURES: Highs 79-84 valleys, 68-73 ridgetops. Lows 43-48 valleys, 47-52 ridgetops.

HUMIDITY: Daytime 18-23% elevations below 2000 feet. 26-31% above 4000 feet. Nighttime 60-70% elevations below 2000 feet. 45-55% above 4000 feet.

20 FT WINDS:

RIDGETOP – North-Northeast winds 5 to 10 mph with gusts to 15 mph in the morning.

SLOPE/VALLEY – Upslope/upcanyon winds 3 to 7 mph during the day and downslope/downcanyon 2 to 4 mph at night.

HAINES INDEX: 4. **INVERSION:** Light inversion mixes out by 1200.

WEATHER FORECAST FOR MONDAY/MONDAY NIGHT:

WEATHER: Sunny. Areas of smoke possible in the lower valleys through the morning.

TEMPERATURES: Highs 81-86 valleys, 70-75 ridgetops. Lows 46-51 valleys, 48-53 ridgetops.

HUMIDITY: Daytime 18-23% elevations below 2000 feet. 25-30% above 4000 feet. Nighttime 55-65% elevations below 2000 feet. 40-50% above 4000 feet.

20 FT WINDS:

RIDGETOP – North-Northeast winds 5 to 10 mph with gusts to 15 mph in the morning.

SLOPE/VALLEY – Upslope/upcanyon winds 3 to 7 mph during the day and downslope/downcanyon 2 to 4 mph at night.

HAINES INDEX: 4. **INVERSION:** Light inversion mixes out by 1400.

WEATHER FORECAST FOR TUESDAY/TUESDAY NIGHT:

WEATHER: Sunny. Areas of smoke in the lower valleys through the morning.

TEMPERATURES: Highs 85-90 valleys, 70-75 ridgetops. Lows 47-52 valleys, 49-54 ridgetops.

HUMIDITY: Daytime 17-22% elevations below 2000 feet. 24-29% above 4000 feet. Nighttime 50-60% elevations below 2000 feet. 40-50% above 4000 feet.

20 FT WINDS:

RIDGETOP – North-Northeast winds 5 to 10 mph in the morning, then North-Northwest in the afternoon before returning to the north and northeast after sunset.

SLOPE/VALLEY – Upslope/upcanyon winds 3 to 7 mph during the day and downslope/downcanyon 2 to 4 mph at night.

HAINES INDEX: 4. **INVERSION:** Light inversion mixes out by 1400.

WEATHER FORECAST FOR WEDNESDAY/WEDNESDAY NIGHT:

WEATHER: Sunny. Areas of smoke in the lower valleys through the morning.

TEMPERATURES: Highs 87-92 valleys, 72-77 ridgetops. Lows 49-54 valleys, 52-57 ridgetops.

HUMIDITY: Daytime 15-20% elevations below 2000 feet. 23-28% above 4000 feet. Nighttime 45-55% elevations below 2000 feet. 35-45% above 4000 feet.

20 FT WINDS:

RIDGETOP – North-Northeast winds 5 to 10 mph in the morning, then North-Northwest in the afternoon before returning to the north and northeast after sunset.

SLOPE/VALLEY – Upslope/upcanyon winds 3 to 7 mph during the day and downslope/downcanyon 2 to 4 mph at night.

HAINES INDEX: 4. **INVERSION:** Light inversion mixes out by 1400.

WEATHER FORECAST FOR THURSDAY/THURSDAY NIGHT:

WEATHER: Sunny. Areas of smoke in the lower valleys through the morning.

TEMPERATURES: Highs 89-94 valleys, 73-78 ridgetops. Lows 50-55 valleys, 53-58 ridgetops.

HUMIDITY: Daytime 14-19% elevations below 2000 feet. 22-27% above 4000 feet. Nighttime 40-50% elevations below 2000 feet. 35-45% above 4000 feet.

20 FT WINDS:

RIDGETOP – North-Northeast winds 5 to 10 mph in the morning, then North-Northwest in the afternoon before returning to the north and northeast after sunset.

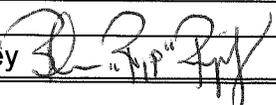
SLOPE/VALLEY – Upslope/upcanyon winds 3 to 7 mph during the day and downslope/downcanyon 2 to 4 mph at night.

HAINES INDEX: 5. **INVERSION:** Light inversion mixes out by 1400.

EXTENDED FORECAST: Trends in the data support the idea that the persistent and strengthening upper level ridge of high pressure will continue to affect the area right through the upcoming weekend, the 11th through the 13th, and likely beyond this time period. Thus we are looking at an extended period of no precipitation, a continuation of above normal temperatures/low relative humidities, the likelihood of poor humidity recoveries at night, and relatively light terrain driven winds.

REMEMBER STANDARD FIREFIGHTING ORDER #1 – KEEP INFORMED ON FIRE FIRE WEATHER CONDITIONS AND FORECASTS. THIS FORECAST IS DESIGNED TO INDICATE TRENDS OVER THE COMING DAYS. IF FORECAST BECOMES UNREPRESENTATIVE, PLEASE CONTACT THE NATIONAL WEATHER SERVICE IN EUREKA FOR UPDATED FORECAST INFORMATION AND SPOT FORECASTS.

FIVE DAY EXTENDED FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 036	TYPE OF FIRE: Wildfire
FIRE NAME: River Complex	OPERATIONAL PERIOD: Day Operations 9/6-9/10/2015
DATE ISSUED: 9/5/2015	TIME ISSUED: 2000hrs
UNIT: CA-SHF-002066	SIGNED: Brendan "Rip" Ripley 

INPUTS

WEATHER SUMMARY: *****Warmer and dryer condition through the week*****

A high pressure system will strengthen over the area through the week with above average daytime temperatures and very dry conditions possible by mid-week.

Diurnal Wind Pattern: **Ridgetop:** Light NNE winds in the morning switching to WNW in the afternoon then.... becoming NNE after sunset

Slope/Canyon: Up slope/canyon winds during the day then down slope/canyon at night

NOTE: Expect increased wind speeds in canyons that align with the prevailing wind direction.

*****See attached Weather Forecast for Specific Weather Information*****

OUTPUTS

FIRE BEHAVIOR

GENERAL: Local Thresholds – WATCHOUT: Combinations of any of these factors can greatly increase fire behavior: 20'winds speed over 7mph; Relative Humidity less than 31%; Temperatures over 82°; 1000hr Fuel Moisture less than 13. Utilize the fire activity in the wilderness as a gauge for potential fire behavior.

Below 2000': 4 out of the 4 thresholds are met each day

Above 4000': 3 out of the 4 thresholds are met each day (Temperature is just below)

Initial Action / escape: The warm and dry weather forecasted over the five day period will continue to dry vegetation that is currently below the ERC average. Taking into consideration the historic drought, treat the current fuel conditions as critical. Expect rapid rates of spread when aligned with wind and slope. High resistance to control and receptive to ignition from short range spotting and roll-out of burning material.

SPECIFIC: Probability of ignition provides an assessment of how receptive the fuels are to ignition from spotting or roll-out. It is also a good gauge on the potential for active fire behavior. * See table under safety. Probability of ignition listed below is based on the high forecasted temperature and humidity.

Sunday 09/06: Day – (Below 2000' 70-90%) (Above 4000' 50-60%)
Night –(Below 2000'10%) (Above 4000'20%)

Monday 09/07: Day – (Below 2000' 80-90%) (Above 4000'60%)
Night - (Below 2000' 10-20%) (Above 4000'20%)

Tuesday 09/08: Day – (Below 2000' 80-90%) (Above 4000' 60-70%)
Night –(Below 2000' 10-20%) (Above 4000'20%)

Wednesday 09/09: Day – (Below 2000' 80-90%) (Above 4000' 60-70%)
Night –(Below 2000'20%) (Above 4000'20%)

Thursday 09/10: Day – (Below 2000'90%) (Above 4000' 60-70%)
Night –(Below 2000'20%) (Above 4000'20%)

AIR OPERATIONS:

Visual Flight Rules (VFR) conditions are forecasted through the operational period.

SAFETY

*****SEE REVERSE SIDE*****

DIVISION ASSIGNMENT LIST			1. Branch			2. Division/Group Suppression Repair Page 1 of 2		
3. Incident Name River Complex			4. Operational Period Date: 9/6/15 – 9/10/15 Time: 0600 - 1800					
5. Operations Personnel								
Operations Chief		Steve Clark		Division/Group Supervisor		Jesse Brunk, Leon Ben (t)		
Branch Director				Safety		Phillip Young		
6. Resources Assigned This Period								
Strike Team/Task Force/ Resource Designator		Leader		LWD	Number Persons	Trans Needed	Drop Off PT/Time	Pick Up PT/Time
CRW2IA CAC#2 (C-88)		JERRY JORDAN		9/12	20	No	ICP 0600	ICP 0600
FMOD HOOPA #1 (O-607)		NELS NELSON		9/12	11	No	ICP 0600	ICP 0600
ENG3 SHF ENG 321 (E-299)		CODY CAMERA		9/18	5	No	ICP 0600	ICP 0600
ENG3 SHF ENG 331 (E-301)		BRIAN CARMEN		9/18	5	No	ICP 0600	ICP 0600
ENG6 HOOPA ENG 661(E-292)		CLYDE TRIMBLE		9/10	4	No	ICP 0600	ICP 0600
DOZ2 DUDLEY'S (E-37)		MIKE LINDAUER		9/16	1	No	ICP 0600	ICP 0600
EXCA2 KENS WATER (E-232)		ANDY BENSON		9/5	1	No	ICP 0600	ICP 0600
GDR R. BROWN (E-223)		TROY MCCULLOUGH		9/12	1	No	ICP 0600	ICP 0600
CHIP2 FIGAS CONST (E-295)		JOHN CONNER		9/14	1	No	ICP 0600	ICP 0600
CHIP2 FIGAS CONST (S-6571)		LESTOR RALSTON		9/18	1	No	ICP 0600	ICP 0600
LOADER R. BROWN (S-5080)		KEN BORDERS		9/17	1	No	ICP 0600	ICP 0600
WT2 RAYMOND (E-53)		SHAWN MITCHELL		9/9	1	No	ICP 0600	ICP 0600
WT2 CATTENEO (E-69)		JASON DOUGLAS		9/17	1	No	ICP 0600	ICP 0600
TFLD-(t) (O-629)		CASEY COPPI		9/18	1	No	ICP 0600	ICP 0600
Additional resources / instructions on <u>Suppression Repair - Page 2</u>								
7. Control Operations Continue suppression repair activities on the incident.								
8. Special Instructions								
9. Division/Group Communication Summary								
Function	RX Frequency	TX Frequency	Channel	Function	RX Frequency	TX Frequency	Channel	
Command CMD 1	168.7000 (Tone 110.9)	170.9750 (Tone 110.9)	1	A/G Tactical	170.0000	170.0000	12	
Tactical NIFC T-6	166.7750 (Tone 110.9)	166.7750 (Tone 110.9)	10	AIR GUARD	168.6250 (Tone 110.9)	168.6250 (Tone 110.9)	16	
Prepared By (Resource Unit Leader) Ronald J. Walls (t)			Approved By (Planning Sect. Ch.) Robert Olds			Date Sept. 5th, 2015		Time 2000 hrs.

DIVISION ASSIGNMENT LIST			1. Branch I		2. Division/Group Suppression Repair – Page 2 of 2			
3. Incident Name River Complex			4. Operational Period Date: 9/6/15 – 9/10/15 Time: 0600 - 1800					
5. Operations Personnel								
Operations Chief		Steve Clark		Division/Group Supervisor		Jesse Brunk, Leon Ben (t)		
Branch Director				Safety		Phillip Young		
6. Resources Assigned This Period								
Strike Team/Task Force/ Resource Designator		Leader		LWD	Number Persons	Trans Needed	Drop Off PT/Time	Pick Up PT/Time
HEQB (O-339)		BRUCE ROBISON		9/17	1	No	ICP 0600	ICP 0600
HEQB (O-554)		JASON WRIGHT		9/6	1	No	ICP 0600	ICP 0600
FELB (O-426)		JEREMY HOARD		9/7	1	No	ICP 0600	ICP 0600
FAL1 (O-585)		TREVOR HYMAS		9/8	1	No	ICP 0600	ICP 0600
FAL1 (O-586)		RUDY MENDOZA		9/8	1	No	ICP 0600	ICP 0600
FEMP (S-5724)		LAURA SCHULTZ		9/7	1	No	ICP 0600	ICP 0600
FEMT (O-552)		PHIL WESSELER		9/11	1	No	ICP 0600	ICP 0600
READ (O-59)		ERIC WISEMAN		9/17	1	No	ICP 0600	ICP 0600
READ (O-465)		JOE ZUSTAK		9/8	1	No	ICP 0600	ICP 0600
READ (O-539)		JONATHAN ERICSON		9/10	1	No	ICP 0600	ICP 0600
READ (O-614)		STEVE BACHMAN		9/14	1	No	ICP 0600	ICP 0600
READ (t) (O-601)		JENNIFER CRIBBS		9/14	1	No	ICP 0600	ICP 0600
Continued from <u>Suppression Repair - Page 1</u>								
7. Control Operations Continue suppression repair activities on the incident.								
8. Special Instructions								
9. Division/Group Communication Summary								
Function	RX Frequency	TX Frequency	Channel	Function	RX Frequency	TX Frequency	Channel	
Command CMD 1	168.7000 (Tone 110.9)	170.9750 (Tone 110.9)	1	A/G TACTICAL	170.0000	170.0000	12	
Tactical NIFC T-6	166.7750 (Tone 110.9)	166.7750 (Tone 110.9)	10	AIR GUARD	168.6250 (110.9)	168.6250 (110.9)	16	
Prepared By (Resource Unit Leader) Ronald J. Walls (t)			Approved By (Planning Sect. Ch.) Robert Olds		Date Sept. 5, 2015		Time 2000 hrs.	

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group N	
3. Incident Name River Complex				4. Operational Period Date: 9/6/15 – 9/10/15 Time: 0600 - 1800			
5. Operations Personnel							
Operations Chief	Steve Clark			Division/Group Supervisor	Warren Swab		
Branch Director				Safety	Phillip Young		
6. Resources Assigned This Period							
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans Needed	Drop Off PT/Time	Pick Up PT/Time	
CRW1 DIAMOND MOUNTAIN(C-91)	DANIEL DOBBINS	9/12	20	No	ICP 0600	ICP 1800	
ENG3 SHF ENG 62 (E-300)	SARA THIBIDEAU	9/18	4	No	ICP 0600	ICP 1800	
ENG3 WHISKEYTOWN ENG 2 (E-302)	MICHAEL ALLANS	9/18	4	No	ICP 0600	ICP 1800	
ENG3 BLACK FOREST ENG 710 (E-200)	STEPHEN SHELTERS	9/11	4	No	ICP 0600	ICP 1800	
ENG3 HOOPA ENG 9593 (E-293)	LYLE MCKINNON	9/12	5	No	ICP 0600	ICP 1800	
ENG6 SHOAL CRK ENG 651 (E208)	BLAKE ADDISON	9/18	3	No	ICP 0600	ICP 1800	
DOZ2 MASSETT (E-297)		9/13	1	No	ICP 0600	ICP 1800	
WT2 CATTANEO #3 (E-72)	JOHNNY DAVIS	9/13	1	No	ICP 0600	ICP 1800	
TRINITY ROADS DEPT	ADAM LETHBRIDGE			No	ICP 0600	ICP 1800	
AMBU MOUNTAIN MEDICS (E-289)	JACOB REGINATO	9/10	2	No	DP3 0600	ICP 1800	
REM GROUP	JOHN CECEMA	9/6	4	No	ICP 0600	ICP 1800	
SOFR (O-535)	JEFFERY HENDERSON	9/8	1	No	ICP 0600	ICP 1800	
SOF2 (t) (O-537)	ROBERT PELTON	9/7	1	No	ICP 0600	ICP 1800	
FEMP (O-545)	GRANT ELLISON	9/7	1	No	ICP 0600	ICP 1800	
7. Control Operations							
Continue to patrol and secure areas of concern by direct line construction, hoselays and/or mop up.							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	RX Frequency	TX Frequency	Channel	Function	RX Frequency	TX Frequency	Channel
Command 1	168.7000 (Tone 110.9)	170.9750 (Tone 110.9)	1	A/G TACTICAL	170.0000	170.0000	12
Tactical NIFC T-3	168.6000 (Tone 110.9)	168.6000 (Tone 110.9)	8	AIR GUARD	168.6250 (Tone 110.9)	168.6250 (Tone 110.9)	16
Prepared By (Resource Unit Leader) Mike Vetti			Approved By (Planning Sect. Ch.) Robert Olds		Date SEPT. 5, 2015		Time 2000 hrs

AIR OPERATIONS SUMMARY

Prepared by: *Ty Miller* Ty Miller AOBD(t) Prepared Date: 09/05/2015

Prepared Time: 19:00

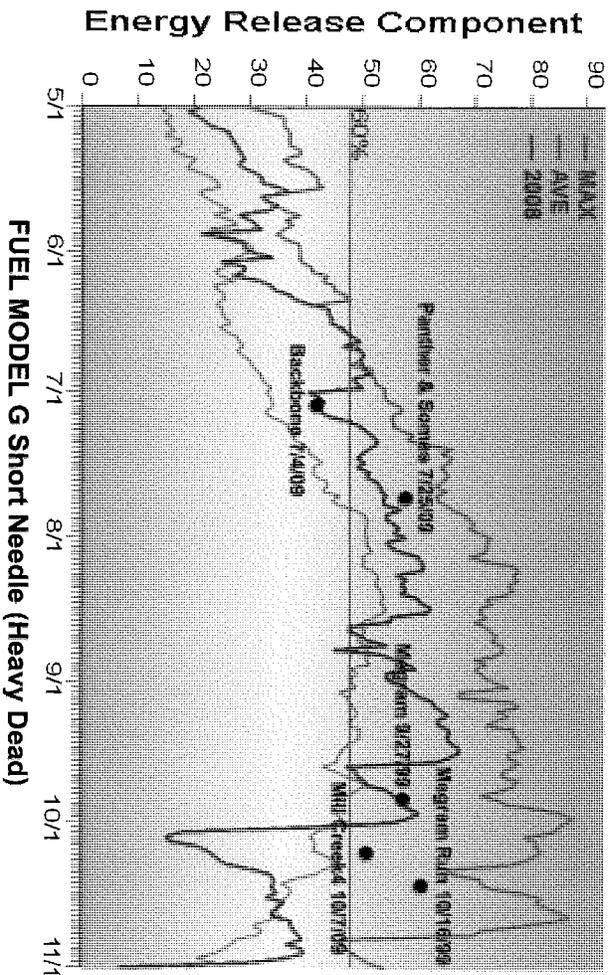
1. INCIDENT NAME: River Complex	2. OPS PERIOD DATE: 9/06/15	START TIME: 0600	END TIME: 2000	SUNRISE: 0641	SUNSET: 1934
3. REMARKS SEE AND AVOID, GENERAL AVIATION TRAFFIC.					
<p>Sunrise will gain one min. per day. Sunset will lose two mins. per day.</p> <p>***NOTIFY OPS/AIR OPS IMMEDIATELY OF ANY DRONE/UAV'S SEEN IN FIRE AREA*** Heads up when performing water drops around crews on the ground. Continue to track quantity and location of dips. "NO DIPPING from the NEW RIVER"</p> <p>Do not overfly school West of helibase or populated areas. CAUTION WATCH OUT FOR POWER LINES & CABLES SEE HAZARD MAP HELIBASE - Willow Creek Helibase Lat: 40° 57.00'N Long: 123° 38.00' W 8lev. 500 ft.</p>					
4. READY ALERT AIRCRAFT			5. TFR Notam: Was released at 2400 9/5/15		
H-514 & 8ME Available at Helibase as Medivac Aircraft.			Redding Dispatch 530-226-2400		

6. PERSONNEL NAME	PHONE #	7. FREQUENCIES AIR/AIR	AM	FM	8. FIXED-WING- Type/ Make-Model/ NH/ Base
Helibase	925-817-9866	AIR/AIR	128.025 (A-2)		AIR ATTACK: As needed ordered through ECC.
HEB 2	530-575-0368				
HEB2(t)	585-278-4206	Air/Ground		170.000 (A-37)	LEAD PLANES:
		COMMAND:		Rx:168.7000 Tx:170.9750 110.9 tone 1	SEATS:
		TOLC FREQ:			TANKERS: As needed ordered through ECC.
		DECK FREQ:		163.100	AVIATION SUPPORT EQUIPMENT:
		Ground Use Only			Helibase trailer E- 116 Dumpster 20 yard 1 Porta-Potties 4 Wash Stations 2

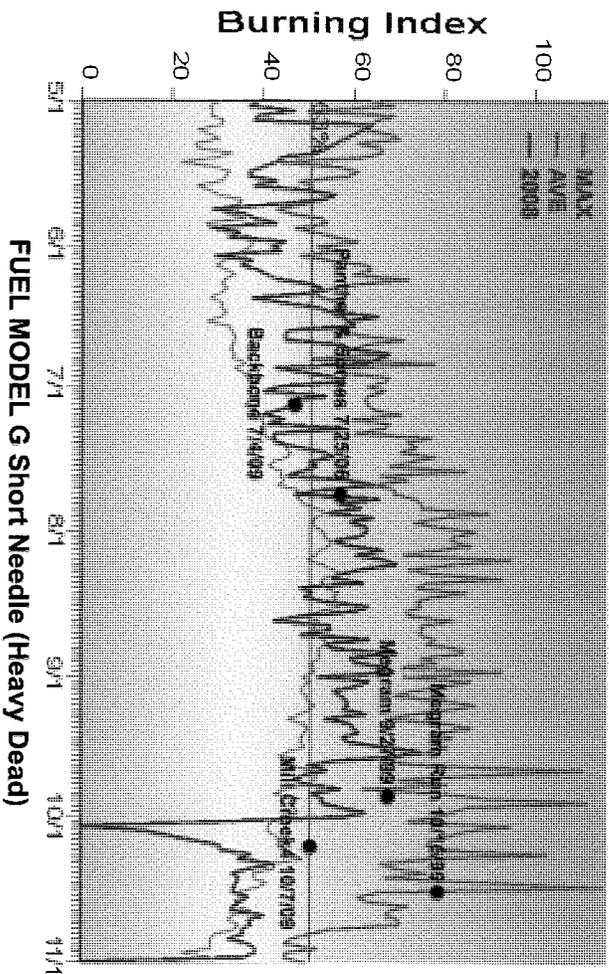
9. HELICOPTER

FAA N#	Type	MAKE/MODEL	BASE	START	READY	REMARKS	FAA N#	Type	MAKE/ MODEL	BASE	START	READY	REMARKS
N212BT (H-514)	2	Bell 212 (A-15)	Willow Creek	0730	0800	IA/ Bucket/ Recon/ PSD/MED							
N617AC (7AC)	3	Bell 407 (A-127)	Willow Creek	0730	0800	IR/Mapping							
N618ME (8ME)	3	Astar B-3 (A-12)	Willow Creek	0730	0800	IA/ Bucket/ Recon/ PSD/MED							

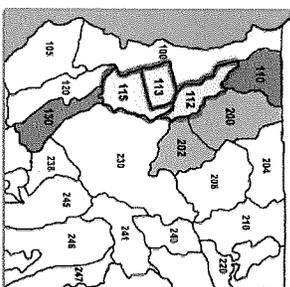
Fire Danger Rating Areas 112/113/115 Energy Release Component



Fire Danger Rating Areas 112/113/115 Burning Index



- Fire Danger Areas 112/113/115:
- * 112 - Orleans Ranger District
 - * 113 - Hoopa Indian Reservation
 - * 115 - Lower Trinity Ranger District
 - * NW CA - Region 5
- Weather Stations Used:
- * 040404 Brush Mountain
 - * 040408 Hoopa (NFDRS)
 - * 040519 Underwood (NFDRS)



Local Thresholds - WATCHOUT:

Combinations of any of these factors can greatly increase fire behavior: 20' Windspeed over 7 mph; RH less than 31%; Temperature over 82; 1000-hour Fuel Moisture less than 13. Large fires become more frequent when BI exceeds 50 and when ERC exceeds 47.

Graph Interpretation, Energy Release Component.
 Maximum = Highest ERC by day for 1979-2009
 Average = Shows Peak Fire Season
 60% = 60th Percentile means 60% of days observed had an ERC below 47.

PAST EXPERIENCE / LOCAL KNOWLEDGE:

- Wildfires become a problem @ 50 acres on the Six Rivers NF due to topography, fuels, and accessibility. ("Large fires"=50 acres)
- Large fires become more frequent when 1000 hour fuel moistures drop below 13
- Large fires become more frequent when BI exceeds 50
- Large fires become more frequent when ERC exceeds 47
- High severity, past burn areas with heavy snag / dead and down lead to control problems. (Backbone was a result of this, as it started in the Meagram fire area of 99)
- * Afternoon winds in the Trinity River Drainage greatly influence fire behavior.
- * Coastal fog observed from the Trinity Valley is a good indicator of strong down canyon winds in side drainages west of the river.
- * Klamath River Canyon has very strong up-river winds daily, from the border near Weitchpec to the confluence with the Salmon River. Expect strong winds in the afternoon until sundown. Potential thermal belt up to approx. 2000'.

Graph Interpretation, Burning Index:
 Maximum = Highest BI by day for 1979-2009
 Average = Shows Peak Fire Season
 63% = 63rd Percentile means 63% of all days observed had a BI below 50.

River Complex – Safety Message

INCIDENT: River Complex	DATE: 9-06-10-2015 TIME: 0600 – 1800 Day
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FIRELINE QUESTIONS TO EMPHASIZE SAFETY

TEN QUESTIONS EVERY FIREFIGHTER MUST ASK AND ANSWER YES TO BEFORE ENGAGING IN FIRE SUPPRESSION

1. Do you understand the organization for this fire and your place in it?
2. Is there a plan and do you understand it?
3. Do you know it is OK to ask questions and ensure that the instructions you are given, provide for your safety and the safety of your fellow fire fighters?
4. Do you know the weather forecast for today?
5. Have you assessed fire behavior and made a prediction?
6. Are you interactive with the **Standard Fire Orders** and **Watch Out Situations**?
7. Do you have the **Lookouts, Communications, Escape Routes, and Safety Zones** in place?
8. Do you understand that it's both your responsibility and your right to say **No** to orders that cannot be accomplished without compromising one or more of the **Standard Fire Orders** or without mitigating each of the **Watch Out Situations**?
9. Can you describe the fire environment you are going to operate in?
10. Are you prepared to engage; monitor the fire environment, be proactive, and make adjustments?

BACK TO THE BASICS: Size-Up; when does it start and when does it end? On our way to this fire we were sizing-up the weather, fuels, topography and the condition of our crew. Now that we have several shifts under our belts, are we still doing this? If not, we should be! Size-up is a continual and ongoing process that should last us through the incident and safely back home.

DRIVING

- When driving, keep speed at or **below** the posted speed limit.
- Drive defensively! Expect the unexpected around every curve.
- Watch out for debris and wildlife on the roads.
- Don't tail gate, keep a safe distance between vehicles on dirt roads.
- Always fasten your seat belt before the vehicle is set into motion.
- Use a "Backer" when backing your vehicle. Do a walk around if a "Backer" is not available.
- Check the windshield, wipers, and wiper fluid level.
- Keep windows and mirrors clean.
- There are three main types of distracted driving: **Visual**-taking your eyes off the road; **Manual**-taking your hands off the wheel; **Cognitive**-taking your mind away from the task at hand. Don't drive distracted!

DANGER/ HAZARD TREES:

All trees, especially large trees are potentially dangerous.

- Trees don't tell when they are going to fall, they just do. Be heads up!
- Minimize your exposure time and resources around hazard tree.
- How many times do we have a conversation under large trees?

DEHYDRATION:

If you're thirsty, you've waited too long to drink water. You need to drink a minimum of 32 ounces of water per hour during the day shift.

FACT:

- If you lose 3 % of your hydration, you will lose 20% of your energy.
- If you lose 5% of your hydration, you lose 50% and you will need to visit medical.

HYDRATE! HYDRATE! HYDRATE!

INCIDENT RISK ANALYSIS RIVER COMPLEX CA-SHF-002066 (ICS 215a) Day Shift

DIV/BR	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	TRAFFIC HAZARDS AND DRIVING	<ul style="list-style-type: none"> • Many roads are narrow and mid-slope, with soft shoulders. Allow heavy vehicles to pass on uphill side. Use spotters when backing, or turning around. • Practice "Defensive Driving" techniques on and off of the fire line. Assume other drivers are fatigued and complacent. • 5mph speed limit in and around ICP, keep your speed down in all areas. • Use chock blocks, turn wheels into hill. • Be aware of local traffic increasing due to logging traffic, schools back in session, and local holiday festival. • Demob: drive defensively; maintain situational awareness until safely home. 	
ALL	HAZARD / DANGER TREES	<ul style="list-style-type: none"> • Follow Hazard Tree Safety Guidelines (IRPG p.22.) • Limit number of personnel around snags and their exposure time; fallers must be qualified for the trees being felled. • Be alert around hazard trees during wind events, even green trees. • The hazard zone extends a minimum of 2½ tree lengths. • Do not park vehicles or take breaks under or near hazard trees. 	
ALL	STEEP TERRAIN AND ROLLING DEBRIS	<ul style="list-style-type: none"> • Maintain 8'-10' spacing when working & walking. • Be alert for rolling rocks, debris, or burning material. • Evaluate necessity to send personnel in areas with upslope hazards. • Avoid parking vehicles below upslope hazards. 	
ALL	REBURN POTENTIAL	<ul style="list-style-type: none"> • Re-burns have been observed in areas of the fire. • Unburned patches and islands exist in some areas. • Needle cast has built up in some areas to provide fuel continuity. • Weather is expected to become warmer and dryer for the next few days. • Watch for slope aligned with sun, wind and re-burn fuel conditions. 	
ALL	FATIGUE/COMPLACENCY	<ul style="list-style-type: none"> • Be alert for signs for fatigue and take breaks as necessary. • Switch up assignments and add training opportunities to avoid complacency. • Monitor all resources for, headaches, dizziness, poor rest, poor eating fatigue • Repeated assignments in the same area can lead to complacency. • Take steps to maintain situational awareness for the duration of the incident. 	
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 tactical support or medical transportation. • Refer to page 57, IRPG for directing bucket drops. • Ensure positive communication with all air resources. • Make sure the mission is necessary. 	
SUPP REPAIR Grp	SUPPRESSION REPAIR	<ul style="list-style-type: none"> • Ensure communications are established with operators. • Avoid working downslope from heavy equipment. • Maintain a 50'-150' exclusion area around equipment. • In timber increase safety distance to 2 ½ times canopy height. • When chipping, review JHA daily and have all personnel initial. 	
SUPP REPAIR Grp	FALLING OPERATIONS	<ul style="list-style-type: none"> • Only fell and buck trees within your expertise and training. • Follow "Procedural Felling Operations" on page 79 in IRPG. • Suspend felling operations in excessively windy conditions. • Ensure proper use of all required PPE. 	
ALL	MOP-UP OPERATIONS	<ul style="list-style-type: none"> • Balance the risk of exposure to hazards against the mop up objective potentially achieved. • Evaluate areas for hazard trees and locate stump holes for avoidance. • Be alert for hidden hazards: Burning root systems near stump holes can collapse. • Monitor fatigue; take breaks to increase rest where appropriate. • Follow "Look Up, Look Down, Look Around" procedures (IRPG p. 3-4). 	
ALL	STINGING INSECTS	<ul style="list-style-type: none"> • Identify, and avoid nests or hives. • Get treatment for any bites or stings immediately. • Use caution (for bees, wasps, etc.) when drinking from open cups or cans. • Line medics should carry EpiPens. • Survey crews for people with known allergies to insect bites. 	
<p align="center">INCIDENT NAME:</p> <p align="center">River Complex</p>		<p align="center">Operational Period: 0600-1800</p> <p align="center">September 6-10, 2015</p>	
		<p>DATE AND TIME PREPARED:</p> <p>September 5, 2015 1730 hours</p>	

MEDICAL PLAN ICS 206

1. INCIDENT NAME
RIVER COMPLEX

2. DATE PREPARED
September 5, 2015

3. TIME PREPARED
2000

4. OPERATIONAL PERIOD
September 6-10, 2015
0600-1800

5. INCIDENT MEDICAL AID STATIONS

MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
No Medical Aid Station			

6. TRANSPORTATION

A. AIR AMBULANCES

NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
REACH (no hoist)	Redding, Ca.	530-226-2400 or 911	X	
Mercy Air PHI (no hoist)	Redding, Ca.	530-226-2400 or 911	X	
CHP (with hoist)	Redding, Ca.	530-226-2400 or 911	X	
U.S. Coast Guard (with hoist & night vision)	Eureka, Ca.	707-839-6100		X

B. GROUND AMBULANCES

NAME	LOCATION and PHONE NUMBER	PARAMEDICS	
		YES	NO
Mountain Medics Ambulance	Drop Point 3 (day) River ICP (night) Command	X	
Hoopa Ambulance Service	Willow Creek 530-625-4180 or 911	X	
Trinity County Ambulance	Hayfork, Ca. 530-226-2400 or 911	X	

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CTR	
		AIR	GRND		YES	NO	YES	NO
Willow Creek Clinic	3883 Hwy 299 Willow Creek	N/A	10 min	530-629-3111		X		X
Mad River Hospital Level 3 Trauma	3800 Janes Rd. Arcata 40 53.72 N x 124 05.46 W	30 min	1 hr.	707-826-8264	X			X
Shasta Regional Medical Center Level 3 Trauma	1100 Butte, Redding 40 35.08 N x 122 23.25 W	35 min	2.5 hrs.	530-244-5353	X			X
Mercy Medical Center Level 2 Trauma	2175 Rosaline Ave Redding 40 35.12 N x 122 23.83 W	35 min	2.5 hrs.	530-225-7201	X			X
UC Davis Medical Center Level 1 Trauma	2015 Stockton Sacramento 38 33.3 N x 121 27.3 W	1 hr.	6 hrs.	916-734-3790 ER 916-734-3636 burn	X		X	

8. MEDICAL EMERGENCY PROCEDURES

LINE MEDICAL EMERGENCY:

Crew Supervisor contact Division Supervisor/Operations with patient complaint, condition and location.
Division Supervisor/Operations contacts Communication:

- Division Supervisor/Operations to use "injury or incident communication protocol" on next page
- Division Supervisor/Operations will run medical emergency on command channel.
- Communications will dispatch appropriate resource for transportation IE: Medivac/Ground Ambulance

206 ICS

9. PREPARED BY: (Medical Unit Leader)
John Van Mannekes (MEDL) Doug Stuart (MEDL-T)
Eric Williams (MEDL)

10. REVIEWED BY: (Safety Officer)
CIIMT 4 Safety Officer (SOF1)
Eric Williams (MEDL) John Van Mannekes (SOF1)

Injury or Incident Communications Protocol

DECLARE: Medical Emergency or Non-emergency Medical transport

Best transport method: (circle) Ambulance Helicopter Vehicle

Location: (Div. & Lat / Long) _____

GPS Format: WGS84 Degrees, Decimal, Minutes

Situation _____

Any special equipment required _____

Number of injured _____ Type of injuries _____

Closest pick up point (DP, Helispot) _____

Level of consciousness _____ Resp. _____ Pulse _ BP _____ Weight _
(alert & oriented x 1-4)

Injury _____ Agency (No Names) _____

Medical History/Allergies _____

Air Transportation Triage

	<i>Ground or Air Ambulance to Hosp.</i>	<i>Transport to Med Unit</i>
<i>Mechanism</i>	<i>Hit by a falling tree or large branch Fall of 10' or more Insect bite with shortness of breath Signs of heat stroke (hot, dry, disoriented) Burn Injury greater than 1% body area</i>	<i>Minor dehydration Cut or laceration with bleeding controlled Minor bites and Stings Minor burns</i>
<i>Area Injured</i>	<i>Significant Blunt or Penetrating Trauma to Head, Neck, Chest, Abdomen or pelvis Any Arm or Leg fracture above the Joint</i>	<i>Minor blunt trauma Minor penetrating trauma Extremity sprains and strains Simple fracture below elbow or knee</i>
<i>Symptoms</i>	<i>Disoriented Chest Pain <u>or</u> Shortness of Breath Weak or absent radial pulse Pale, cold and sweating</i>	<i>Alert and oriented No shortness of breath Good pulses</i>

If air or ground ambulance is DELAYED:

Package and transport patient to rendezvous with ambulance. Re-route EMS helicopter to rendezvous point as appropriate.

If Declaring an "Incident within the Incident"

The closest DIVS will respond to manage the incident. They are responsible for giving an accurate size up, ensuring scene safety, setting priorities and initiating an appropriate response.

The closest Safety Officer and Line EMS will respond to the scene to assist the Branch Director or DIVS. Secure site and begin initial investigation when situation is stabilized.

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name: River Complex		Date/Time Prepared: 9/5/15 /2015 hrs.	Operational Period Date/Time: 9/6 to 10/15 DAY: 0600 hrs. - 1800 hrs.	
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Ch #	Function	Channel Name/Trunked Radio System/Talkgroup	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	Tx Tone/NAC	Mode	Remarks
1	COMMAND	CMD 1	COMMAND	168.7000		110.9	170.9750		110.9	A	Tone 1 IRONSIDE Linked
2	COMMAND	CMD 2	COMMAND	169.5375		110.9	164.7125		123.0	A	Tone 1 LONE PINE Linked
3	COMMAND	CMD 3	COMMAND	170.1125		110.9	162.1875		131.8	A	Tone 1 EAGLE RIDGE Linked
4	SHASTA TRINITY RPT.	SHF-R	FOREST NET	171.5750			169.1000		136.5	A	USER SELECCABLE TONES
5	SIX RIVER RPT.	SRF-R	FOREST NET	168.7250			170.1250		146.2	A	USER SELECCABLE TONES
6	TACTICAL	NIFC T-2	LOCAL IA	168.2000			168.2000		156.7	A	LOCAL IA TAC
7	TACTICAL	NIFC T-1	DIV. A	168.0500		110.9	168.0500		167.9	A	Tone 1
8	TACTICAL	NIFC T-3	DIV. N	168.6000		110.9	168.6000		103.5	A	Tone 1
9	TACTICAL	NIFC T-5	DIV. O	166.7250		110.9	166.7250		100.0	A	Tone 1
10	TACTICAL	NIFC T-6	SUPP. REPAIR GROUP	166.7750		110.9	166.7750		107.2	A	Tone 1
11	TACTICAL	NIFC T-7	AVAILABLE	168.2500		110.9	168.2500		114.8	A	Tone 1
12	A/G TACTICAL	A/G TAC	A/G TACTICAL	170.0000			170.0000		127.3	A	ALL DIVISIONS / NO TONE
13	CALCORD	CALCORD	EMS EMERGENCY	156.0750		156.7	156.0750		141.3	A	Tone 6
14	WEATHER	NOAA	NOAA WEATHER	162.5500			N/A		151.4	A	REDDING
15	WEATHER	NOAA	NOAA WEATHER	162.4500			N/A		162.2	A	HORSE MTN
16	AIR GUARD	GUARD	EMERGENCY USE ONLY	168.6250			168.6250		192.8	A	Ground to Air Emergency Only Use Tone 1 110.9

5. Prepared by (Communications Unit) **KEVIN JAMES COML**
 PH: 530-629-3260. **USER SELECTABLE TONES ARE ENABLED**

[Signature]

USE HUMAN REPEATERS WHEN NEEDED: MAKE SURE LCES IS IN PLACE

LAST CLONE 9/6

