# RUTH COMPLEX

CA-SRF-000897 P5K9AJ

3DAY Operational Period August 22-24, 2017 0700 - 1900





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	INCIDENT OBJ	ECTIVES	1. Incident Na	ame: Rut	th Complex	2. Da	te: Aug 21, 2017	3. Time: 2100
4. Opei	rational Period:	August 22	2-24, 201	7 3DA	Y 0700 - 19	000		
5. Gener	al Control Objectives for the	ne Incident (include al	Iternatives)	_				
<u>Obje</u>	ctives							
•	ecological res	f the risk mathin establish nitial Attack approve alsources. Ide	anageme hed conta as requal Il Stage 1 entify an	nt proce ainment ested. Suppre y outsta	ess. Ilines to protession Repair	to proession	ntified Values	s at Risk.
6. Weath	er Forecast for Period			-				
WEATH TEMPE HUMID SLOPE RIDGE afternoon		with a slight chand ower Elevations. vation20-30% less than 3mph n 5 mph in the m	86-92F; ridges2 in the morni orning beco	ridges82 25-40%. <b>2</b> 4 ng becomin	-87F. <b>24 HR Tren</b> HR Trend Up 5- ng Upcanyon/Upsl	d 3 Deg 10% ope 3 to 5	cooler  5mph with gusts to	
WEATH Lower s HUMID SLOPE 2200.	HER FORECAST FO HER: Any thunderst slopes/valleys 55-60 HTY: Max Lower slop WALLEY - Upslope TOP - West to north	orms diminishing F. Ridges ( pes75-95%; Ric e 2-5 with gusts (	in the even 57-63 F 24 dges60-79 to 7 mph in t	4 HR Trend 5%. 24 HR the evening	I: Little Change Trend: Up 10% becoming dowr	ıcanyon/d	downslope to less th	nan 4 mph after
WEDNE	DED FORECAST: ESDAY and THURS sday. Max temps							
7. Genera	al Safety Message:						- Control and Control	
recogn though	g – Maintain safe s ize and pay attent ts, yawn repeated ng other drivers.	ion to the warni	ing signs o	f fatigue.	Take a break if yo	ou exper	ience wandering	or disconnected
8.	. (0)		Attachn	nents (marl	( if attached)			
$\boxtimes$	Incident Objectives	- ICS 202		Air Ops Su	mmary – ICS 220		Finance Message	
	Organization List –	ICS 203	$\boxtimes$	Safety Me	essage		Training Message	
$\boxtimes$	Weather / Fire Beh	avior Forecast	$\boxtimes$	Com Plan	- ICS 205		Camp Map	
	Div. Assignments -	ICS 204		Medical P	lan - ICS 206	$\boxtimes$	Unit Log – ICS 21	4
9. Prepa	red by (Planning Section C	Chiefy Steve D'Am	bra Mana		10. Approved by (Incident	0	A Off	
		V	0	0	Van	Sam	ICS 202	

ICS 202

ORGA	NIZATION ASSIGNMENT LIST	9. Ope	erations Section
Incident Name		Chief - Day	Mike Tyrrell
RUTH COMPL	EV	Chief - Night .	
2. Date 08/21/	<del></del>	Planning	
2. Date 06/21/	17	a.	RUTH COMPLEX
4. Operational Period		Division/Group	
3DAY 8	/22-24/17 0700 - 1900	Division/Group	
Position	Name	Division/Group	<u></u>
5.	Command Staff	Division/Group	
Incident Commander	Forest Ford	Division/Group	
Deputy	Nancy Curran	Division/Group	
Safety Officer	Bill Shubin	b.	INITIAL ATTACK
Information Officer	Erin McKenzie	Branch Director	
Liaison Officer		Division/Group	
	ency Representative	Division/Group	
Agency	Name	Division/Group	
Six Rivers NF	Dan Dill	Division/Group	
Lead READ	Kristen Lark	Division/Group	
REAF	Francis McCormick	C.	
REAF	Doreen Hrivnak	Branch Director	
REAF		Division/Group	
NL/11	Galen Anderson	Division/Group	
		Division/Group	4 4
		Division/Group	
		d.	
		Branch Director	
	<u> </u>	Division/Group	
7.	Planning Section	Division/Group	- · · · · · · · · · · · · · · · · · · ·
Chief	Steve D'Ambra	Division/Group	
GISS	Kenny Sauve	e.	
FOBS	Jameson Collins	Branch Director	
		Division/Group	
		Division/Group	
		Division/Group	
2		f. Air	Operations Branch
	and the second second	Air Operations Branch Director	
		Air Support Group Supervisor	
		Air Tactical Group Supervisor	
		Helicopter Coordinator	Tony Thaler / Gary Crombie (T)
8.	Logistics Section	Air Tanker Coordinator	
Chief	Kristen Lark		I Finance Section
Base Camp Manager	Joshua Bluford / Brian Trute (T)	Chief	Paul Smith
Ground Support Unit	Jason Ownbey	Equipment Time Recorder	Paul Smith
Medical Unit	Mountain Medics		
GMEC	NorCal Fire		
Communications	Shirley Dillon		
		Prepared by (Resource Unit Le	eader)



## Ruth Complex Weather Forecast



FORECAST NO: 11

NAME OF FIRE: Ruth Complex

PREDICTION FOR: 0600 Tue - 2000 Thur

UNIT: CA-SRF

SHIFT DATE: 8/22-8/24

SIGNED:

TIME AND DATE

Incident Meteorologist- Matt Mehle

**FORECAST ISSUED: 2100 8/21/17** 

WEATHER DISCUSSION: Heads up day as thunderstorms will be possible during the afternoon and evening hours. Developed storms will be capable of producing lightning, brief heavy rain and gusty outflow winds. Increased situational awareness is needed during the afternoon with possible storms, watch for building cumulus clouds in the afternoon. A slight chance for thunderstorms will be possible again on Wednesday, but drier weather for Thursday.

WEATHER FORECAST FOR TUESDAY:

WEATHER: Partly sunny with a slight chance for thunderstorms in the afternoon. Smoke from fires to the north

**TEMPERATURES:** Max Lower Elevations....86-92F;

ridges....82-87F.

24 HR Trend 3 Deg cooler

HUMIDITY:

Min Lower Elevation....20-30%:

ridges....25-40%.

24 HR Trend Up 5-10%

SLOPE/VALLEY - Variable less than 3 mph in the morning becoming Upcanyon / Upslope 3 to 5

mph with gusts to 8 mph.

RIDGETOP- East less than 5 mph in the morning becoming west to southwest 5 to 8

mph in the afternoon. Gusts to 12 mph in the afternoon.

INVERSIONS/STABILITY: Nearby drift smoke through the day. Unstable in the afternoon. LAL: 2

**WEATHER FORECAST FOR TUESDAY NIGHT:** 

WEATHER: Any thunderstorms diminishing in the evening. Partly cloudy with smoke settling into valleys.

**TEMPERATURES:** Min Lower slopes/valleys 55-60F.

Ridges 57-63 F

24 HR Trend: Little Change

**HUMIDITY:** 

Max Lower slopes...75-95%;

Ridges...60-75%.

24 HR Trend: Up 10%

20-FOOT WIND:

SLOPE/VALLEY - Upslope 2-5 with gusts to 7 mph in the evening...becoming downcanyon/downslope to less than 4 mph after 2200.

RIDGETOP - West to northwest winds 5 to 8 mph with gusts up to 12 mph. mph in the evening...becoming northeast to east 3 to 8 mph.

INVERSIONS/STABILITY: Inversions forming 2100-2200.

EXTENDED FORECAST:

WEDNESDAY and THURSDAY... Mostly sunny with some of smoke. Nearby thunderstorms possible in the afternoon, mainly east on Thursday. Max temps...mid 80s to near 90. Min RH 15-30%. Northwest 5 to 15 mph. Strongest over ridges and upper slopes.

**EXTRA INFORMATION:** 

You should request at least once daily spot weather forecasts from the National Weather Service office in

Eureka at:http://www.weather.gov/spot/request/

Phone number for Eureka NWS: 707-442-2171



REALTIME RAWS INFO for RUTH COMPLEX

### FIRE BEHAVIOR OUTLOOK

FIRE NAME: Ruth Complex	OUTLOOK PERIOD (valid time period): 8/22-8/24/2017
DATE ISSUED: August 21, 2017	TIME ISSUED: 2000
UNIT: CA-SRF-000897	SIGNED: J.Shelton
	Typed/printed: Jeff Shelton TAN

**WEATHER/CLIMATOLOGY DISCUSSION:** UPPER LOW PRESSURE WILL MOVE ACROSS CENTRAL CALIFORNIA BRINGING A SOUTHWESTERLY FLOW OVER THE FIRE THROUGH THURSDAY.CHANCE OF CONVECTION BASED PRECIPITATION ON TUESDAY AND WEDNESDAY. WARMER CONDITIONS WILL FOLLOW INTO THE WEEKEND

Tue: Max. Temps. 86-92 degrees, Min. RH 20-30%, Winds SW 5-8 mph, gusts to 12 mph Weds: Max. Temps. 86-92 degrees, Min. RH 20-30%, Winds SW 5-8 mph, gust to 12 mph Thurs: Max. Temps. 83-89 degrees, Min. RH 30-40%, Winds NW 5-8 mph, gusts to 12 mph

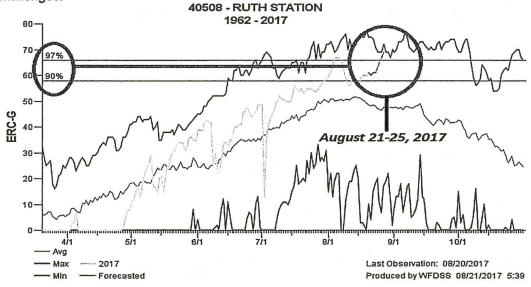
FIRE BEHAVIOR DISCUSSION (Peak Burn Period Extremes):

Fuel model	-	Max. Flame Length	Max. Rate of Spread	Spotting	Probability of Ignition
Dry Climate Grass	GR2(122)	< 7'	Up to 105 ft/min	<1/2 mile	Up to 80%
Dry Climate Timber-Shrub	TU5(165)	< 12	Up to 30 ft/min	<1/2 mile	Up to 80%
Conifer Litter	TL3(183)	<.2'	Up to 4 ft/min	<1/8mile	Up to 80%
Long Needle Litter	TL8(188)	< 6'	Up to 22 ft/min	<1/8 mile	Up to 80%
Dry Climate Shrub	SH7(147)	<20'	Up to 105 ft/min	<1/2 mile	Up to 80%

Short Range (Today, Tomorrow) and Medium Range (3-5 Days):

\*\* Assumes 100% slope to reflect valley potential \*\*

Moderate probability for large fire development. Associated with warm and dry weather, increasing ERCs (>90<sup>th</sup>%) with light to moderate winds and excessively dry large fuels (1000 hour) for this time of season. Fires are predominately fuels and topography dominated. Fire size may exceed initial attack capabilities in the first operational period; especially with wind and slope alignment. Tactical priorities should focus on direct attack at the heel and working the flanks. Holding the fire to the ridgelines may be challenging without sufficient air support. Spotting will be prevalent and may be up to ½ mile. Vegetation that has an age class of 15 years or greater should be identified to support larger fire growth and containment challenges.



**Smoke Concerns:** Upper low pressure passage will provide good smoke dispersion. Mixing heights to <5000' AGL with moderate transport winds aloft.

Reassessment Criteria: Changing weather and conditions past the August 24 expiration date of this forecast.

#### SAFETY

Expect fire activity with high resistance to control! You may need to adjust normal strategy and tactics!!

1. Incident Name:								3.						
RUTH COMPLEX								Brai	nch:			Division/Grou	ıp:	
2. Operational Period:		DAY					***							
Date/Time From: 08/22/2017 0700	TUE			ate/Time To 24/2017 190		Т	HU					RUTH C	0	MPLEX
4.					Operation	ons l	Personn	el						
OPERATIONS C	HIEF	MIKE TYRRE	LL						ANCH DI	RECT	OR			
DIVISION/GROUP SUPERVI	SOR							•	SAFETY (	OFFIC	ER	BILL SHUBIN		
5.				Reso	urces As	sign	ed this	Period						
Strike Team / Ta Resource Des				LWD			Leader		Numb Perso	,	Drop	Off PT./Time		Pick Up PT./Time
CREW - T2 - FORTUNA 22				08/25	JOSH N	MCN	ULTY		20		UTH TA/07	GUARD		TH GUARD V1900
ENGINE S/T - T3 - LNF 36150	C		7	08/24	DEBIE	MAY	ÆR		27	_		GUARD	_	TH GUARD
WT - TACTICAL - T2 - LNF 1			-	08/28	MARCI	IC D	ACHEC		+	_	TA/07		_	V1900
WITTHORIOAL - 12 - ENT				00/20	IMARCI	US P	ACHEC	,	2	100	UTH TA/07	GUARD 700		TH GUARD V1900
EXCAVATOR - T2 - KEN'S				08/31	STEVE	WIL	SON		2		UTH TA/07	GUARD 700		TH GUARD V1900
SRF CHIPPER											UTH TA/07	GUARD 700		TH GUARD V1900
HEQB			7	08/30	ADAM	MCC	ULLOU	3H	1	R		GUARD	RUT	TH GUARD V1900
HEQB (T)				08/29	RANDA				1	RI		GUARD	RUT	TH GUARD V1900
REAF			$\dashv$	08/23			RIVNAK		1	RI	UTH	GUARD	RUT	TH GUARD
REAF			$\dashv$	08/29	GALEN	DA	NDERSO	ON	1	RI		GUARD		V1900 TH GUARD
REAF			$\dashv$	08/27	FRANC	IS M	MCCOF	RMICK	1	_	JTH	700 GUARD	-	V1900 TH GUARD
			-								ΓΑ/07	MONTH TO STORE STO		/1900
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			$\perp$											
						_								
				•										
8.	y			Division	/Group C	Comi	municati	ion Sum	mary					
Function		Channel	RX	Frequency	N/W	F	RX Tone/	NAC	TX Frequ	ency l	N/W	TX Tone/NA		Mode
COMMAND	1 (F	OR ADM T-6)		170.4750					165.	7500		156.7		Α
COMMAND	2 (F	OR ADM T-8)	170.4750					165.7500			103.5		Α	
COMMAND	3 (F	OR ADM T-9)		170.4750					165.	7500		100.0	$\neg$	Α
COMMAND	4 (FC	OR ADM T-14)		170.4750					165.	7500		151.4	$\neg$	Α
RUTH COMPLEX TACTICAL	5 (	(R5 TAC 6)		168.2375			•	-	168.	2375			$\neg$	Α
AIR TO GROUND	8 (IN	CIDENT A/G)		172.6750					172.	6750			1	Α
MEDEVAC A/G	9 (	CALCORD)		156.0750		,	156.7		156.	0750		156.7	$\exists$	Α
AIR GUARD	16 (	AIRGUARD)		168.6250					168.	6250		110.9	$\top$	Α
9. Prepared By (Resource U	nit Lea	ader)		Appro	ved By (F	Plan	ning Sec	tion Ch	lef)		Da	ate	T'	Time
ALLAN KALPAKOFF				16	(OMEX	X					08	3/21/2017	19	900
ICS 204 WF (1/14)					(F	FINA	L							Page 1 of 2

1. Incident Name:						3.					
RUTH COMPLEX				11		Branc	h:		Division/Group	):	
2. Operational Period:	DAY		**********								
Date/Time From: 08/22/2017 0700	TUE		Date/Time To: 8/24/2017 1900	) Т	HU	Ţ			RUTH C	OM	PLEX
4.	<del></del>		(	Operations	Personn	el					
OPERATIONS CH	HIEF MIKE TYRE	RELL				BRAI	NCH DIREC	TOR			
DIVISION/GROUP SUPERVIS	SOR					SA	AFETY OFF	ICER	BILL SHUBIN		
5.			Resou	rces Assigr	ned this	Period					**********
Strike Team / Tas Resource Desi			LWD		Leader		Number Persons	Dro	p Off PT./Time	Pic	k Up PT./Time
				***************************************						11	
6. Control Operations/Work	Assignments:										
Task: Continue to hold	and improve o	curren	nt control lin	es. Finish	suppre	ession re	epair.				
Purpose: Reduce threa	ts to values a	t risk.									
End State: Values are r	not threatened	d due	to fire conta	ainment.							
7. Special Instructions:											
FOBS Jameson Collins will	cover both Ruth	Comp	plex division	and IA grou	ıp						
FEMT Danny Connelly and I	EEMT Shawn Old	con wi	Il cover bet P	outh Comple	ov divici	on and IA	aroup				
FEMI Dailing Conneny and I	FEWIT SHAWII OR	SOII WI	II COVEL DOLK	atii Compi	SA UIVISI	on and iA	group				
*											
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je .											
8.			Division/	Group Com	municat	ion Sumn	nary				
Function	Channel	R	X Frequency I		RX Tone		TX Frequenc	cy N/V	V TX Tone/NAC	:	Mode
COMMAND	1 (FOR ADM T-		170.4750				165.750		156.7	_	A
COMMAND	2 (FOR ADM T	-8)	170.4750				165.750	00	103.5		Α
COMMAND	3 (FOR ADM T	-9)	170.4750		<del></del>		165.750	00	100.0	1	Α
COMMAND	4 (FOR ADM T-	14)	170.4750				165.750	00	151.4		Α.
RUTH COMPLEX TACTICAL	5 (R5 TAC 6)	,	168.2375				168.237	75			Α
AIR TO GROUND	8 (INCIDENT A	/G)	172.6750				172.675	50			Α
MEDEVAC A/G	9 (CALCORD	)	156.0750		156.	7	156.075	50	156.7		Α
AIR GUARD	16 (AIRGUARI	D)	168.6250				168.62	50	110.9		Α
9. Prepared By (Resource Ur	nit Leader)		Approv	ed By (Plan	nning Se	ction Chi	ef)		Date	Ti	me
ALLAN KALPAKOFF			(d)	hior					08/21/2017	1900	0
ICS 204 WF (1/14)	······································		1)4	EIN/	AL		· · · · · · · · · · · · · · · · · · ·				Page 2 of 2

1. Incident Name:							3.					-
RUTH COMPLEX		~					Bran	ich:		Division/Gro	up:	
2. Operational Period:	DAY											
Date/Time From: 08/22/2017 0700	TUE		Date/Time To		Т	'HU				IA		
4.				Operat	tions	Personn	l iel					
OPERATIONS C	HIEF MIKE TYRE	LL						UP SUPERV	ISOR			
BRANCH DIREC	TOR						S	SAFETY OFF	ICER	BILL SHUBIN		
5.			Reso	urces A	Ssign	ned this	Period					
Strike Team / Ta Resource Des			LWD			Leader		Number Persons	Dro	p Off PT./Time	P	Pick Up PT./Time
CREW - T1 - MENDOCINO IF	HC		08/26	CHRI	STOP	HER R I	MARKEY	20		I GUARD		H GUARD
ENGINE - T3 - SRF 41				ED CI	LOUG	H		5	_	ION/0700 I GUARD		TION/1900 H GUARD
ENGINE - T6 - SRF PATROL	40				- 1				STAT	ION/0700	STA	TION/1900
ENGINE - 10 - SRF PATROL	42			7				1		I GUARD ION/0700		H GUARD TION/1900
DOZER - T2 - ZABEL			08/22	FRAN	IK ZAE	BEL		2		GUARD		H GUARD
DOZER - T2 - SRF 4				CEDA	AR HA	YES / CO	ODY	2		ION/0700		TION/1900 H GUARD
WT - TACTICAL - T2 - SRF 2	45		20/02	MORE	-				STAT	ION/0700	STAT	TION/1900
WI - IACHCAL - 12 - SRF 24	45		08/28	CHRI				2	Annual Control	I GUARD ION/0700	and the same of the same	H GUARD TION/1900
SRF UTILITY #42									RUTH	GUARD	RUTI	H GUARD
								-	SIAI	ION/0700	SIA	FION/1900
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			syfic i	<u> </u>					-1 <sub>C</sub> -7	4111		
8.					1 120							
	T	T-	Division							1		
Function	Channel		RX Frequency N/W 170.4750			RX Tone/	NAC	TX Frequenc			C	Mode
COMMAND	1 (FOR ADM T-	-						165.750	-	156.7	_	Α
COMMAND	2 (FOR ADM T-	-	170.4750				165.750		103.5	-	Α	
COMMAND	3 (FOR ADM T-S	-	170.4750	_			-	165.750		100.0	_	Α
COMMAND	4 (FOR ADM T-1	-	170.4750					165.750		151.4	+	A
IA TAC	6 (NIFC TAC 2)	+	168.2000					168.200		-	+	A
MEDEVAC A/G	7 (I/A AG 43)	+-	167.6000			1507		167.600		450.7	+	A
AIR GUARD	9 (CALCORD) 16 (AIRGAURD	-	156.0750 168.6250			156.7		156.075		156.7	+	A
9. Prepared By (Resource U		′			(Plan	ning Sec	tion Chi	168.625		110.9 Pate	ᆛ	A Time
ALLAN KALPAKOFF			110	NLOS	•	9 000		/				
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1. Incident Name:				3.				
RUTH COMPLEX	· · · · · · · · · · · · · · · · · · ·	***************************************	***************************************	Brancl	h:		Division/Group:	
2. Operational Period:	DAY							
Date/Time From: 08/22/2017 0700	TUE	Date/Time To: 08/24/2017 1900	THU	2			IA	
4.		Operation	ns Personn	el			10	
OPERATIONS CH	IEF MIKE TYRELL	1			P SUPERVI	SOR		<del></del>
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			FFT OFF	1000		
BRANCH DIRECT	OR		п	SA	AFETY OFF	CER	BILL SHUBIN	
5.		Resources Ass	igned this	Period				
Strike Team / Tas Resource Desig		LWD	Leader		Number Persons	Droj	o Off PT./Time	Pick Up PT./Time
	- 10 m							0
,	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2							
6. Control Operations/Work A	Assignments:							
Task: Patrol additional fi Respond to fires as requ		Assist other divisions	s with sup	pression	repair ar	id ide	ntify additional r	epair needs.
Purpose: Reduce threat	ts to values at ris	sk						
End State: Values are n	ot threatened du	e to fire containment	t.					
yr 1000 ii								
a f								
7. Special Instructions:								
FOBS Jameson Collins will	cover both Ruth Co	mplex division and IA g	roup					
FEMT Danny Connelly and F	EMT Shawn Olson	will cover bot Ruth Com	ıplex divisi	on and IA	group			
8.		Division/Group C	'ammuniaa	lion Cumn				Ÿ.
Function	Channel	RX Frequency N/W	RX Tone		X Frequenc	N/M	TX Tone/NAC	Mode
COMMAND	1 (FOR ADM T-6)	170.4750	TOX TOTAL	/NAO	165.750		156.7	A
COMMAND	2 (FOR ADM T-8)	170,4750	***************************************		165,750		103.5	A
COMMAND	3 (FOR ADM T-9)	170.4750			165.750		100.0	A
	4 (FOR ADM T-14)	170.4750			165.750		151.4	A
IA TAC	6 (NIFC TAC 2)	168.2000			168.200			A
IA A/G	7 (I/A AG 43)	167.6000			167.600			A
MEDEVAC A/G	9 (CALCORD)	156.0750	156.	7	156.07		156.7	A
AIR GUARD	16 (AIRGAURD)	168.6250			168.62		110.9	A
9. Prepared By (Resource Un		Approved By (F	Planning Se	ction Chi			Date	Time
ALLAN KALPAKOFF	and the second s	Dinz					08/21/2017	1900
ICS 204 WF (1/14)			INAL		···			Page 2 of 2

ICS 204 WF (1/14)

OPERATIONAL PERIOD DATE: DAY SHIFT DATE: 08/22-24/17 AIR OPERATIONS SUMMARY

START: 0800 END: 2000

AIK OF EKALIONS SUMIMAKY OP Expanded Form for Large Operations)

REMARKS # Avail / Type/ Make-Model / FAA N# / Base(s) 3. Prepared 08/20/17 2030 hrs Freq. 120.025 As requested Based on Availability START As requested Based on Availability 5. TFR: 2099/2 AVAIL \*\* Avoid aerial application of retardant or foam within 300' of waterways, bodies of water. If retardant is dropped within these areas, notify BASE **SUNSET: 2000** 8. FIXED-WING Air Tactical: Lead planes: Airtankers: MAKE/MODE L Other: SUNRISE: 0632 Tx tone 1, 110.9 172.6750 TY 163.100 168.6250 FM FAA N# See Comm Plan 120.025 AM REMARKS EXC. USE 2. PREPARED BY: John Keesee 4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment,, etc.): FREQUENCIES STEEP SMOKEY CONDITIONS, OTHER FIRES, OTHER AIRCRAFT AIR/AIR RW: AIR/AIR FW: COMMAND: AIR GUARD Air/Ground: DECK: TOLC START 0800 All GPS data to be collected (degrees, minutes & decimal minutes) AVAIL 541-729-7154 0700 . HELICOPTERS (Use Additional Sheets As Necessary) Phone AOBD with Lat & Long, est. of gallons, and a map. Hayfork BASE 1. INCIDENT NAME: Ruth Complex MAKE/MODEL COULD FLY IN OUR AREA **Bell 407** HMGB: Tony Thaler TY 6. PERSONNEL FAA N# 14HX AOBD: HLCO: ATGS: ATGS: ASGS:

# SAFETY MESSAGE

**Ruth Complex** 

CA-SNF-0897

Day Shifts 08/ 22 - 24 /2017

0600-1800

## "IF YOU SEE IT.....SAY IT!"

IF YOU SEE A HAZARD OR A DANGEROUS SITUATION DEVELOPING,
TELL YOUR SUPERVISOR AND THOSE AROUND YOU!

- Driving Maintain safe speeds at all times. Slowing down is the best mitigation for most safety issues. Learn to recognize and pay attention to the warning signs of fatigue. Take a break if you experience wandering or disconnected thoughts, yawn repeatedly, have difficulty focusing or keeping your eyes open, or find yourself missing traffic signs or tailgating other drivers.
- ➤ Hazardous Terrain Steep, rocky terrain is a serious hazard on this incident. Rolling material continues to be a major issue. Rocks and snags can be loosened or dislodged by the fire. Evaluate your work area closely before entering. Spread workers out farther than 10 feet apart. Stagger workers so they are not working or walking directly below each other.
- ➤ Hydration & Fatigue Expect heat stress problems to escalate as temperatures heat up and RH drops. Monitor yourself and those you supervise for symptoms. Be alert for signs of fatigue and take breaks as necessary. Maintain 2:1 work/rest ratio. Pace yourselves.
- > Medical Plan- Review the Medical Plan, and incident-within-an incident protocols.



4. UNFAMILIAR WITH WEATHER AND LOCAL FACTORS INFLUENCING FIRE BEHAVIOR

## MAKE A SAFETY DIFFERENCE

 As a supervisor, provide constant and relentless oversight. As a crewmember lead up!

#### PERSONAL RESPONSIBILITIES

Each Individual MUST Accept Responsibility for his or her own safety! Every person needs to ensure they are:

- Capable of performing the tasks assigned
- An effective member of the team
- Self-disciplined to work within accepted guidelines
- Adaptable to changing circumstances
- Vigilant for his or her own safety, vigilant for the safety of their colleagues and others
- Able to recognize and express his or her own limitations

Team 5 Safety Officers: Charlotte Jordan SOF1 - Brian Savage SOF1

Man. l. H. Asidan SAFZ

# Ruth Complex CA-SRF-000897 - August 22-24, 2017

Location	Hazard	Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
All	Air Operations	<ul> <li>Follow "Aviation Watch-Out Situations" in IRPG.</li> <li>Don't plan exclusively on air resources for medical transport or resupply. Visibility may be impaired. Have a backup plan.</li> <li>Refer to IRPG for directing bucket drops.</li> <li>Ensure positive communication with all air resources.</li> <li>Keep personnel out of drop zones.</li> <li>Use clear concise statements when directing aircraft. Use clock directions from pilot's perspective.</li> </ul>
Branch II	Firing Operations / Aerial Ignition	<ul> <li>Only personnel trained in the use of each device will be authorized to use firing equipment</li> <li>Ensure all personnel are aware of firing operation that may affect them</li> <li>Wear appropriate PPE</li> <li>Ensure aerial/ground ignition plans have been adequately developed and personnel are briefed</li> </ul>
All	Hazard trees	<ul> <li>Follow "Hazard Tree Safety" guidelines, IRPG (2014)page 22&amp;23</li> <li>Post lookouts, or use a spotter in mop-up areas with personnel</li> <li>Don't park vehicles or take breaks in high concentrations of hazard trees</li> <li>Establish trigger points for disengagement during high wind events</li> <li>Post road guards when appropriate</li> <li>Do not fall snags at night</li> <li>Be Aware of Douglas Fir or other green trees that have root rot and may fall unexpectedly</li> </ul>
All	Heat Related Illness (HRI)& Dehydration	<ul> <li>Drink Fluids throughout operational period</li> <li>Carry extra water on line and cache water at drop points</li> <li>Take Frequent breaks, minimum of 10 minutes every hour</li> <li>Recognize symptoms of HEAT RELATED ILLNESS which include o Lack of energy o Headaches, dizziness o Lack of rest o No hunger, poor eating habits o Hot skin, and lack of sweating</li> </ul>
All	Driving & Traffic	Practice "Defensive Driving" techniques traveling on all roads and city streets, mitigation strategy includes:  * Use spotters when backing  * Honk horn to alert personnel when backing  * Always use headlights  * Yield to pedestrians and bicycles  * Observe posted speed limits  * Follow 3 second rule of following distance when driving  * Use chock blocks, turn wheels into hill  * Seat Belts are mandatory  * No texting while driving
All	Severe Weather	<ul> <li>Review and follow Thunderstorm Safety guidelines in IRPG (2014) pg. 21</li> <li>Observe 30/30 Rule for lightning safety, IRPG (2014)pg.21</li> <li>"Trigger Points" to withdraw should be set by supervisors utilizing the 30/30 criteria mentioned above and ensure all know rally site</li> <li>Use "Risk Management" process to determine retreat criteria and actions</li> <li>Carry rain gear and extra food and water if weather limits retreat to ICP</li> </ul>

All	Steep Terrain & Rolling Debris	<ul> <li>Maintain 8'-10' spacing when working &amp; walking</li> <li>Don't work directly above any personnel</li> <li>Evaluate necessity to send personnel in areas with limited access</li> <li>Maintain Situation Awareness by identify hazards</li> <li>Alert all personnel of new hazards and identify</li> </ul>
All	Fatigue & Overexertion	<ul> <li>Drink adequate water to maintain hydration during and after work periods</li> <li>Rotate crews out of smoky areas</li> <li>Set a reasonable work pace and allow adequate rest breaks during work</li> <li>Stagger work crews start time to limit fatigue</li> <li>Use buddy system to monitor personnel of heat related and fatigue issues</li> <li>Follow work / rest guidelines</li> </ul>
All	Heavy Equipment Operations, Masticator Excavator	<ul> <li>Ensure communications are established with operators prior to work</li> <li>Use hand signals if other communications are unavailable</li> <li>Maintain a 50'-100' exclusion area around equipment</li> <li>Use a spotter when backing</li> <li>Maintain a 300' working zone around Masticator and Excavators</li> </ul>
Branch I, III	Chipper Operations	<ul> <li>Block chipper tires when unhooked from towing vehicle and insure full extension of support leg.</li> <li>When working in roadway use warning systems for traffic.</li> <li>Check for debris in infeed area and clean.</li> <li>Check all safety shutdowns to be sure they are working properly.</li> <li>Check direction of discharge. Make sure discharge is pointed away from work areas, pedestrian walkways, or roadways.</li> <li>Position down-wind if possible.</li> <li>Never operate chipper alone.</li> <li>Do not wear clothing which may become tangled with brush being feed into chipper.</li> <li>Never reach into the infeed shroud. Feed short material on top of longer material or lay short pieces on the infeed tray and push into chipper with long branches or long piece of wood. Do not use rakes or shovels to push material into feeder. Check material for rocks before feeding into chipper.</li> <li>Do not use your hand or feet to push material into feeder.</li> <li>Hard hat, eye protection, gloves, and ear protection will be worn at all times when working near chipper.</li> </ul>
All	Mop-up & Rehab  Communications	<ul> <li>Do not work above or below personnel during rehab/mop-up operations</li> <li>Alert crew personnel of rolling debris by yelling to affected individuals</li> <li>Position debris that could roll vertically on slope</li> <li>Wear P.P.E</li> <li>Scout Mop-up areas each shift before beginning work</li> <li>Identify burning stumps that have roots affected by fire and may cave in</li> <li>Wear appropriate PPE correctly</li> <li>Use correct tool for task assigned</li> <li>Watch for weakened trees that may pose danger or fall</li> <li>Maintain communication with aviation resources, and suppression organization.</li> <li>Ensure all know frequency and protocol for contacting resources</li> </ul>
All	Environmental Hazards	<ul> <li>Utilize the ICS 205 – IAP communication plan</li> <li>Be alert for snakes, watch footing and hand placement around rocks</li> <li>Check yourself for ticks, watch for bees and other insects that bite</li> <li>Be alert for bears, cougars, and other wildlife</li> <li>Poisonous plants, poison oak - identify plants and avoid; Change and wash clothing and shower frequently</li> <li>Be alert for potential illegal Marijuana grows and the dangers associated with those operations</li> </ul>

Ž	INCIDENT RADIO COMMUNICATIONS PLAN 1-205	MMUNICATIONS F	LAN 1-205	1. INCIDENT NAME			2. DATE/TIME PREPARED	ARED		3. OPERATIC	3. OPERATIONAL PERIOD DATE/TIME
				Ruth Complex			8/19/2017 1516 HRS	HRS		Monday 8/;	Monday 8/21/17 - Thursday 8/24/17 24 Hours
				4. BAS	IC RAL	4. BASIC RADIO CHANNEL UTILIZATION	UTILIZATION				
ភ្ #	Function	Channel Name	Assignment	RX Freq	NW	RX Tone/NAC	TX Freq	NW	TX Tone/NAC	Mode Analog (A) Digital (D) Mixed (M)	Remarks
-	COMMAND	FOR ADM T-6	ALL DIV	170.4750	z	NONE	165.7500	z	156.7	∢	MID FIRE AREA (HORSE RIDGE L.O.)
2	COMMAND	FOR ADM T-8	ALL DIV	170.4750	z	NONE	165.7500	z	103.5	<b>4</b>	SOUTHERN TO MID AREA (8-MILE)
က	COMMAND	FOR ADM T-9	ALL DIV	170.4750	z	NONE	165.7500	z	100.0	A	SOUTHERN TO MIDAREA (KETTENPOM L.O.)
4	COMMAND	FOR ADM T-14	ALL DIV	170.4750	z	NONE	165.7500	z	151.4	٧	NORTHERN AREA (PICKETT PEAK L.O.)
2	TAC	R5TAC 6	DIV RUTH COMPLEX	168.2375	z	NONE	168.2375	z	NONE	A	For incident tactical radio traffic
9	IA TAC	NIFC TAC 2	IA TACTICAL	168.2000	z	NONE	168.2000	z	NONE	Y	For SRF Initial Attack
7	IA A/G	IA A/G 43	IA A/G	167.6000	z	NONE	167.6000	z	NONE	٧	For SRF Initial Attack Air to Ground
ω	A/G	INC A/G	INCIDENT A/G	172.6750	z	NONE	172.6750	z	NONE	А	For Incident Air to Ground radio traffic
თ	MEDVAC A/G	CALCORD	MEDEVAC	156.0750	z	156.7	156.0750	z	156.7	A	For Incident Medevac Radio Traffic
10							1				
11											
12	i e										
13											
14											
15											
16	AIRGUARD	AIRGUARD	AIRGUARD	168.6250	z	NONE	168.6250	z	110.9	A	FOR EMERGENCY AIR TRAFFIC
5. 6	5. Special Instructions:									] \	
6.	6. I-205 Prepared By: Communications Unit Leader	mmunications Unit Lo	eader	Name: KEN		ENRIFE			Signature		
					1				7		

## MEDICAL PLAN

1. Incident/Project Name			2. Operational Period								
Ruth Complex			Date/Time 08/22-25/2017 0600-1800								
2. Aid Station											
Name	С	Complete Address			Phone			Advanced Life Support (ALS) Yes No			
Southern Trinity Health Services 321 Van Duzen Rd. 0830-1700 M-F Mad River, CA 95552		-11/4-11/4	707-574-6616				xx				
		2 x x = 4 x =						1			
Ruth Airport is approved fo Frequency of 120.025	r helicopt	er extraction-N 40 12.68	W 123	3.17.86	6 Notif	y all incoming EMS	aircraft (	of the	the TFR and	Victor	
3. Ambulance Services											
Name		Complete Address		Phone		Advanced Life Support (ALS) Yes No					
Mountain Medics	Rut	th ICP	707-951-0125/ Forest Admin Ne		min Net		XX				
Southern Trinity Area Rescue	153	A Van Duzen Rd. Mad I	River,	CA	707-5	74-6421 or 911				xx	
Name	•	Phone	one Type of Aircr			Aircraft	& Cap	pability			
KRN H407 Day/Night Hoist (2	4hr)	707-726 -1266 B205A++		5A++ Hoist, NVG, ALS							
Grand Canyon NP H8PA		707-726-1266 A Star B3 Short Haul, ALS			1						
CAL FIRE H102 Day Hoist		707-726-1266 B205A++ Hoist, BLS									
CHP H14/H16 Day Hoist		530-242-3210 A Star B3 Hoist, ALS									
PHI Med 43/REACH		800-597-9571 EC 135 IFR/NVG B407 NVG, ALS			LS	4					
4. Hospitals				THE T						K	
	GPS Da	Datum – NAD 83  dinate Standard  ees Decimal Minutes  MM.MMM' N - Lat  MM.MMM' W - Long			el Time Helip Gnd Phone Yes		ad	L	.evel		
Name Complete Address	Degrees			r G			Yes	No of Care Facility			
St Joseph Hospital	Lat:	N 40 47.03	-00			707-269-4250					
2700 Dolbeer St Eureka, CA 95501	Long: VHF:	W 124 08.80	20 Min		2.5 IRS	ext. 7020 707-442-8646	X		Level II Trau	ıma Center	
Shasta Regional Medical Center 110 Butte St. Redding, CA 9600	Lat: Long: VHF:	N 40 35.10 W122 23.28	30 Min		3 HRS	530-244-5353 530-243-4042	х				
Redwood Memorial Hospital 3300 Renner Dr. Fortuna, CA 95540	Lat: Long: VHF:				2.5 IRS	707-725-4562		х			
Mercy Medical Center 2175 Rosaline Redding, CA 96001	Lat: Long: VHF:	N 40 34.33 W 122 23.80	30 Min	H	3 HRS	530-225-7201 530-242-4401	х	_	Level II Trau	ma Center	
UC Davis Medical Center 2315 Stockton Blvd Sacramento, CA 95817	Lat: Long: VHF:	N 38 33.28 W 121 27.35	1.5 HRS	4.5 HF		916-734-3790 916-734-5669	x		Level I Trau		
Robert Russell 08/21/1		6. Date/Time 08/21/17 2100	7. Reviewed By (Safety Officer) Brian Savage			icer)	8. Date/Time 08/21/17 2100				
11612				M	au	ette job	Marlottefol				

#### MEDICAL PLAN

Initiate care with available resources at scene and notify DIVS when an injury occurs.

The IWI IC shall coordinate the incident and direct necessary actions. Take the following actions:

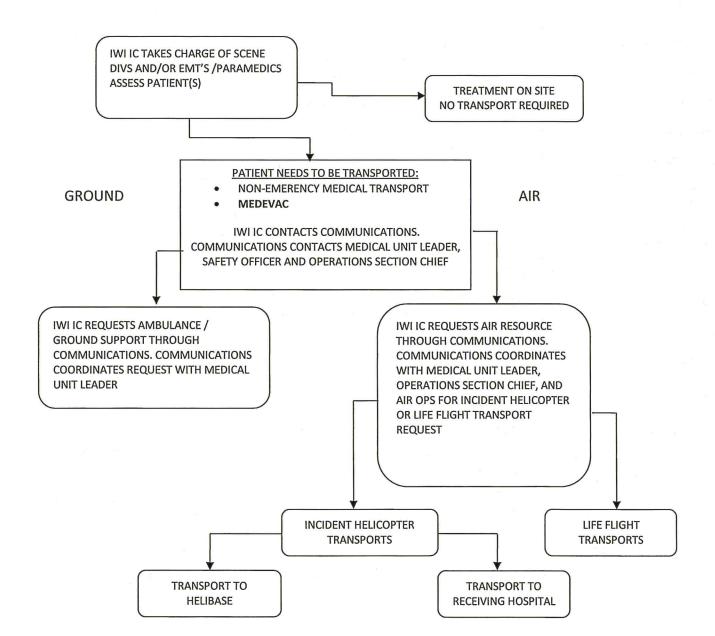
- Determine the nature of the emergency.
- If the emergency is a medical injury/illness, determine if the injury/illness is life threatening.
- If the injury is life threatening, then clear designated frequency for emergency traffic.
- Identify the on-scene point of contact by position.
- 5. Contact the Medical Unit Leader immediately.
- Identify number injured, patient assessment(s) and location (geographic and/or GPS coordinates).
- Identify on-scene medical personnel by position and last name (i.e. EMT Jones).
- 8. Identify preferred method of patient transport.
- 9. Determine any additional resources or equipment needed.

Continually evaluate the Evacuation Plan, develop contingencies in the event the first plan is not effective.

# Medical Incident Report

Timely and accurate reporting is the key to getting needed resources to a medical incident. Review the Medical Incident Reporting Procedures on p 107-109 of the 2014 IRPG. In addition, the attached QR links to the 6 Minutes for Safety on the Medical Incident report. Please take a moment to review this important information with your crew.





## **MEDICAL PLAN**

#### Medical Incident Report

FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.							
Use items one through nine to communicate situation to communications/dispatch.							
1. CONTACT COMMUNICATIONS/DISPATCH Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)							
2. INCIDENT STATUS: Provide in	ncident sur	mmary and command structur	e.				
Nature of Injury/Illness				Describe the injury (Ex: Broken leg with bleeding)			
Incident Name				Geographic Name + "Medical" (Ex: Trout Meadow Medical)			
Incident Commander				Name of IC			
Patient Care				Name of Care Provider (Ex: EMT Smith)			
3. INITIAL PATIENT ASSESSMI	ENT: Com	plete this section for each patie.	nt. This is only a brief, initial as	ssessment. Provide additional patient info after completing this 9 Line R			
Number of Patients: Male / F		Female Age:		Weight:			
Conscious?	YES	□NO = MEDEVAC	!				
Breathing?	YES	□ NO = MEDEVA	C!				
Mechanism of Injury: What caused the injury?							
Lat/Long (Datum WGS84) Ex: N 40° 42.45' x W 123° 03.2	4'						
4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY							
•		SEVERITY		TRANSPORT PRIORITY			
				Ambulance of MEDEVAC believator Evacuation			

14/bet severed the injury?					
What caused the injury?					
Lat/Long (Datum WGS84)					
Ex: N 40° 42.45' x W 123° 03.2	4'				
4. SEVERITY OF EMERGENCY,	TRANSPORT PRIORITY				
	SEVERITY	TRANSPORT PRIC	TRANSPORT PRIORITY		
☐ URGENT-RED Life threateni	ng injury or illness.	Ambulance or MEDEVAC hel	Ambulance or MEDEVAC helicopter. Evacuation		
Ex: Unconscious, difficulty breath	ing, bleeding severely, 2° - 3° burns more than 4 palm sizes,	need is IMMEDIATE.	need is IMMEDIATE.		
heat stroke, disoriented.					
☐ PRIORITY-YELLOW Serious	Injury or illness.	Ambulance or consider air tra	Ambulance or consider air transport if at remote location.		
	walk, 2° - 3° burns not more than 1-2 palm sizes.	Evacuation may be <b>DELAY</b>	Evacuation may be <b>DELAYED.</b>		
☐ ROUTINE-GREEN		Non-Emergency. Evacuation	Non-Emergency. Evacuation considered		
Not a life threatening injury or illne	ess.	Routine of Convenience	Routine of Convenience.		
Ex: Sprains, strains, minor heat-re					
5. TRANSPORT PLAN:					
Air Transport: (Agency Aircraft Pre	ferred)				
All Italisports (rigolog / moralt i re	icirca)				
☐ Helispot	☐ Short-haul/Hoist	☐ Life Flight	□ Other		
Ground Transport: Click here to	o enter text.				
☐ Self-Extract	☐ Carry-Out	☐ Ambulance	☐ Other		

☐ Helispot	☐ Short-haul/Ho	pist	☐ Life Flight	☐ Other	
Ground Transport: Click here to	enter text.				
☐ Self-Extract	☐ Carry-Out		☐ Ambulance	□ Other	
6. ADDITIONAL RESOURCE/EQU	IPMENT NEEDS:				
☐ Paramedic/EMT(s)		☐ Crew(s)	☐ SKED/Back	☐ SKED/Backboard/C-Collar	
☐ Burn Sheet(s)		☐ Oxygen	☐ Trauma Bag	]	
☐ Medication(s)		☐ IV/Fluid(s)	☐ Cardiac Mor	nitor/AED	
☐ Other (i.e. splints, rope res	scue, wheeled litter)				
		- in-			
7. COMMUNICATIONS:					

7. COMMUNIC	CATIONS:				
Function	Channel Name/Number	Receive (Rx)	Tone/NAC *	Transmit (Tx)	Tone/NAC *
Ex: Command	Forest Rpt, Ch. 2	168.3250	110.9	171.4325	110.9
COMMAND					
AIR-TO-GRND					
TACTICAL					,
		•	*(NAC for digital radio sys	item)	

EX: N 40 42.45' x W 123 03.24'
Patient's ETA to Evacuation Location:
Helispot/Extraction Size and Hazards:

#### 9. CONTINGENCY:

<u>Considerations:</u> If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...

REMEMBER:

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

UNIT LOG		1. Incident Name	2. Date Prepared	3. Time Prepared		
4. Unit Name/Designators		5. Unit Leader (Name and Position)		6. Operational Period		
7. Personnel	Roster Assigned					
Nar		ICS Position	on	Home Base		
				Tionio base		
			***************************************			
8. Activity Lo	g					
Time		Major Events				
			·			
		····				
7						
0.00						
9. Prepared by (Name o	and Position)					
				-		