# \* CORRECTED \* INCIDENT ACTION PLAN

BTU/TGU LIGHTNING COMPLEX INCIDENT

CA-BTU-009841 BUTTE ZONE IAP



**OPERATIONAL PERIOD** 

8/21/2020 0700

to

8/22/2020 0700



Tions and

\* GERESTED X

**INCIDENT OBJECTIVES (ICS 202)** 

		VE3 (ICS 2	- <b>-</b> ,		
Incident Name:     BTU/TGU Lightning Complex	2. Operational Period:	Date From:	8/21/2020	Date To:	8/22/202
3. Objective(s):		Time From:	0700	Time To:	0700
Management Objectives					
- Provide for and maintain public and first resp	Onder safety by utilizing the i-				
- Ensure COVID-19 precautions and best prac	tices are met at all times	cident safety analysis	process		
<ul> <li>Protect the commercial timberland, historical watersheds</li> </ul>		affected area, infrastr	ucture, impro	vements. an	d
<ul> <li>All management actions and efforts will be for Tehama Counties</li> </ul>					
- Ensure coordinated, timely and accurate relea	ase of public information				
Be financially responsible for all management					
ontrol Objectives				<del></del>	
lutte Zone					
Reanch I Keep fire north of Powellton. Keep fire east of Hwy. 32. Keep fire south of Butte Meadows. Keep fire west of Bald Mtn.					
ranch X					
Keep fire north of Kenebeck Ridge. Keep fire east of 130D Line. Keep fire south of PNF Forest Boundary.					
Keep fire west of 120C Line.					
hama / Glenn Zone					
Keep fire north of Colusa County Line. Keep fire south of Shasta County Line. Keep fire west of Road 306/Lowery/Hess.					!
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neral Situational Awareness:					
					,
eep and rugged terrain, critically dry and recept	ive fuel beds, active area for t	ire history and droug	nt stressed tre	.ee	1
teep and rugged terrain, critically dry and recept the COVID-19 environment, high density popul	ive fuel beds, active area for t ations or large groups are par	fire history and drough	nt stressed tre	es.	
the COVID-19 environment, high density popul	ations or large groups are par	ticulary at risk. To hel	nt stressed tre	es. rself, your fa	mily
the COVID-19 environment, high density popul nd to ensure all employees return home safely, r	ations or large groups are par nake sure to practice social di	ticulary at risk. To hel	p protect you	rself, your fe	mily
n the COVID-19 environment, high density popul and to ensure all employees return home safely, r nhanced hygiene (especially handwashing), PPI	ations or large groups are par nake sure to practice social di E & monitoring practices help	ticulary at risk. To hel	p protect you	rself, your fe	mily
the COVID-19 environment, high density populand to ensure all employees return home safely, nonhanced hygiene (especially handwashing), PPE site Safety Plan Required?	ations or large groups are par nake sure to practice social di	ticulary at risk. To hel	p protect you	rself, your fe	mily
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a the COVID-19 environment, high density popular of the covid-19 environment, high density popular of the ensure all employees return home safely, replaced hygiene (especially handwashing), PPE site Safety Plan Required?  Proved Site Safety Plan(s) Located at:  ICS 203 ICS 215A  ICS 204 ICS 220	ations or large groups are par nake sure to practice social di & monitoring practices help Yes    No	ticulary at risk. To hel	p protect you	rself, your fe	mily
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the COVID-19 environment, high density popular to ensure all employees return home safely, rephanced hygiene (especially handwashing), PPE site Safety Plan Required?  Proved Site Safety Plan(s) Located at:  ICS 203 ICS 215A ICS 204 ICS 220 ICS 205 Facility Maps	ations or large groups are par nake sure to practice social di & monitoring practices help Yes  No  ICS 205 A  Training Message Travel Map	ticulary at risk. To helestancing.  Ilimit the infection rate	p protect you	rself, your fe	mily
the COVID-19 environment, high density popular to ensure all employees return home safely, rephanced hygiene (especially handwashing), PPE ite Safety Plan Required?  Proved Site Safety Plan(s) Located at:  ICS 203 ICS 215A ICS 204 ICS 220 ICS 205 Facility Maps ICS 206 Weather Forecast	ations or large groups are par nake sure to practice social di & monitoring practices help Yes  No  ICS 205 A  Training Message Travel Map Demob Plan	ticulary at risk. To helestancing.  Ilimit the infection rate	p protect you	rself, your fe	mily
in the COVID-19 environment, high density popular of to ensure all employees return home safely, represented hygiene (especially handwashing), PPE site Safety Plan Required?  proved Site Safety Plan(s) Located at:  ncident Action Plan  ICS 203  ICS 204  ICS 204  ICS 205  ICS 205  ICS 206  Weather Forecast  ICS 208  Fire Behavior	ations or large groups are par make sure to practice social di & monitoring practices help  Yes  No  ICS 205 A  Training Message Travel Map Demob Plan Finance Message	ticulary at risk. To helestancing.  limit the infection rate  County Heal	p protect you	rself, your fe	mily
in the COVID-19 environment, high density popular of the covid-19 environment, high density popu	ations or large groups are par nake sure to practice social di & monitoring practices help Yes  No  ICS 205 A  Training Message Travel Map Demob Plan	ticulary at risk. To helestancing.  Ilimit the infection rate	p protect you	rself, your fe	mily

### **ORGANIZATION ASSIGNMENT LIST (ICS 203)**

1. Incident Name: BTU/TGU Lightn		Operational i	Period: Date From: Time From:	8/21/2020 0700	Date To: Time To:	8/22/2020 0700
	r(s) and Command Stat	fit.	7, Operation Secti	ont		
IC/UC's	Dave Russell			Shane Lauderdale		
Deputy	Darryl Laws / Matt Chamble	in	Deputy Operations	Smith (Tehama)/	Sjolund (Butt	e)/ Brown (Glenn)
Safety Officer	Doug Ferro/ Brent Stang	gland	Night Ops			
	Steve Kaufmann, Chris	•	Staging Area			
	Dave Pender, Ron Karle					
LELO	Josh Allen, LT. Anthony	Bertain	Zone	BUTTE	Garrett Sjo	Jund
4. Agency/Organizatio			Branch		Jason Dye	
Agency/Organization	Name		Division/Group	AA	Tim Cossoi	ne
			Division/Group	ww	CHRIS M	MARKEY
			Division/Group			
			Division/Group			
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	<u></u>		Branch	V Car	1.73.32.3	
			Division/Group	FF		
			Division/Group	HH	Jason Finn	ev
			Division/Group	PP	Mike Conat	
			Division/Group	SS	Jeff Edson	
			Division/Group		CON EGOON	
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			Branch	X COLOR	Chad Port	
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		The second	Division/Group	90		
5. Planning Section:			Division/Group			
	Chris Burch		Division/Group			
Deputy	David Shy	T! (T)	Division/Group			
Resource Unit	G. Ozard, C. Dyche, B. N. Funes (T)	i orosian (1),	Division/Group			
Situation Unit			Division/Group			
Documentation Unit	B, 0 14011		Division/Group			
Demobilization Unit	Chris Lynch		Division/Group			
	Daniel Dresselhaus		Division/Group			
	Jonathan Pangburn		Division/Group			
	Jim Waliman		Division/Group			
Training Tech. Spec			Air Operations Br	ınch	Director:	Greg Bradshaw
Crew Tech. Spec	Domino waitin		The second secon	Group Supervisor		Merida - Redinari da de de la Composición del Composición de la Co
Hired Equip Tech Spec	Tim Ringham			Group Supervisor		
6. Logistics Section	Tim birigilam	r Din water in		Helibase Manager	-	7
The state of the s	Matt Reich				. my conner	<del>-</del>
	Mathew Brandt		8. Finance/Admini	stration Section		
	Shawn Burris			Mara Zaver	WEST 18 18 18 18 18 18 18 18 18 18 18 18 18	10.00
	Travis Heard/ Jason Wil	son (T)		Greg Tunzi		
Ground Support Unit	**	oon (1)		Courtney Arebalo		
Communications Unit	CONTON GRAPHETON		Comp/Claims Unit			-
	Leif Juliussen (T)			Angela Davidson		
Medical Unit	Len Junusseri (1)		COST OHN	Angela Dayluson	1 2	
Prepared By: Name:	David Shy Pos	sition/Title:	PSC	Signature:	1	
riehaien Dă: Maille:	David Only POS	SINCII/ I IUC.	1 00	orginature.	₹	

**ORGANIZATION ASSIGNMENT LIST (ICS 203A)** 

I. Incident Name BTU/TG	GU Lightning Complex				Date To:	0700	
. Operation Seci	lon:			Time I Juli.	0700	Time To:	0700
Chie	f Shane Lauderda	ile (Day), Jeremi I	Roesler (T)				
Deput	Smith (Tehama)	/ Sjolund (Butte)/	Brown (Glenn)				
Staging Area							
Zone	and the latest territories and the latest territ	I see to the contract of		Staging Area			
Branci		Monty Smith	SACTOR CONTRACTOR OF THE PROPERTY OF THE PROPE	Zone,	GLENN	Mark Brown	
Division/Group		Gerry Magana			<b>XX</b>	Todd Horton	
Division/Group		A		Division/Group	BB/CC		
Division/Group		Andy Zuckerm	an		<b>GLENN STAGING</b>	Gabe Bernardino	
Division/Group		Galvez	<del>-</del>	Division/Group			
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Branch		Tim Perkins		Branch	NEXT OF	Ethan Darnall	
Division/Group	N			Division/Group		Luke Stacher	- 17 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
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	CONTINGENCY (TEH)	Matt Brown "		Brench			
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pared By:	avid Shy	Positio	on/Title: PSC		gnature:	/	
203A		Date/		31	Suarrie		

### Fire and COVID-19 Briefing Checklist

### Self-Awareness / Screening

- Immediately separate yourself from others.
- Notify supervisor if you or others experience:
  - . Cough, more than expected
  - 。 Shortness of breath or difficulty breathing
  - New loss of taste or smell
  - 。 Fever
  - . Chills
  - Sore throat
  - . Muscle pain
- Review and follow crew and division plans to isolate, triage, and transport symptomatic personnel.

### Hygiene on the Fireline

- Properly wash or sanitize your hands often, especially before and after eating or entering a public place, and after coughing or sneezing.
- Avoid handshakes and communal use items.
- Maintain a supply of hand sanitizer and hand wipes. Inform supervisor of needed resupply.
- Disinfect high touch surfaces often:
  - 。 Radios, phones, doors, pumps, fuel cans, etc.

### Social Distancing and Protective Equipment

- □ Initiate, practice, and remind others of social distancing.
- Conduct briefings and conversations outdoors and at least 6 feet apart.
- Utilize face coverings as a tool when practical.
- □ Clean or replace dirty face coverings, equipment, and PPE.

### **Communications**

Face coverings and social distancing complicate communications.
 Ensure effective sender/receiver messaging.

### Protect yourself, your crew, and your camp!

Find more information: <a href="https://www.nwcg.gov/coronavirus">https://www.nwcg.gov/coronavirus</a>.

NFES 002646 (06/2020)



### Fire Weather Forecast - Butte-Tehama-Glenn Lightning 2020



FORECAST NO: 2

PREDICTION FOR: Friday-Friday night. SHIFT DATE: 08/21-22/2020 0700-0700

TIME AND DATE

FORECAST ISSUED: 08/20/2020 2100

**ZONE:** Butte

SHIFT SIGNED:

UNIT: CA-BTU

∕Jim Wallmann

Incident Meteorologist

DISCUSSION: Winds will be lighter today behind yesterday's cold front. It will remain smoky all day and limit heating, keeping temperatures cooler and winds lighter than would normally occur in this pattern. The smoke will only slightly improve in the afternoon. The pattern remains similar for Friday with the smoke remaining heavy due to other area fires. If in the unlikely chance more clearing occurs, upslope/upvalley winds will be stronger during the afternoon.

WEATHER FORECAST (TODAY)

WEATHER:

Mostly sunny with thin smoke. Smoke increases after 1700.

MAX TEMP:

1500 feet: 83-87

4000 feet: 72-77

LAL: 1

MIN RH:

1500 feet: 23-27%

4000 feet: 26-31%

CHC WTG RAIN: 0%

WIND: (20 FOOT)

1500 feet: East 3-6 mph becoming upslope/southwest 5-10 mph with gusts to 15 mph by 1300. 4000 feet: East 4-9 mph becoming upslope/southwest 8-12 mph with gusts to 20 mph by 1400.

MIXING HEIGHT: 500 feet rising to 4000 feet around 1400.

TRANSPORT WIND: Northeast 5-10 mph becoming southwest 8-12 mph around 1200, then northeast 5-10 mph after 2100.

VISIBILITY: 4-6 miles decreasing to 2-3 miles around 1800.

FORECAST (TONIGHT):

WEATHER:

Smoky.

MIN TEMP:

1500 feet: 70-73

4000 feet: 63-67

LAL: 1

MAX RH:

1500 feet: 44-48%

4000 feet: 37-41%

CHC WTG RAIN: 0%

WIND:

(20 FOOT)

1500 feet: Upslope to 4 mph becoming downslope/northeast 5-10 mph with gusts to 16 mph by 2300. 4000 feet: Upslope to 5 mph becoming downslope/northeast 8-15 mph with gusts to 28 mph by 2300.

MIXING HEIGHT: Falling to 500 feet by midnight.

TRANSPORT WIND: Northeast 6-12 mph.

OUTLOOK (SATURDAY/SATURDAY NIGHT): Smoky with highs 87-91 and lows 70-75. Min RH 15-22% and Max RH 33-40%. Winds upslope 6-12 mph in the late morning and afternoon and downslope 5-10 mph from evening until morning.

OBSERVATIONS THURSDAY (8/20/2020 - Winds are afternoon conditions):

Cohasset (3713 ft): MAX TEMP: 87. MIN RH: 21%. Winds WSW 4 to 6 mph with gusts to 9 mph.

Jarbo Gap (1029 ft): MAX TEMP: 90. MIN RH: 23%. Winds SW 4 to 6 mph with gusts to 12 mph.

Carpenter Ridge (4816 ft): MAX TEMP: 81. MIN RH: 23.

← SubmitWx/Fire Observations

Nearby RAWS Observations →



### FIRE BEHAVIOR FORECAST

**FORECAST NUMBER: 3** TYPE OF FIRE: Wildland Fire

OPERATIONAL PERIOD: 24hr 8/21 (0700-0700) FIRE NAME: BTU/TGU Lightning Complex

DATE ISSUED: 8/20/2020 TIME ISSUED: 1800

UNIT: BTU SIGNED: Jonathan Pangburn, FBAN

### **INPUTS**

**WEATHER SUMMARY** 

\*\*LIGHTER WIND, LOW RH\*\* See Weather Forecast in IAP.

### **OUTPUTS**

#### **GENERAL:**

### **BUTTE ZONE**

1,000-hr dead fuel moisture at 90th-97th percentile. Severe Drought conditions. Rapid growth and spotting with slope/wind alignment. Brush highly receptive to burning. Lower elevation reduced fire behavior with smoke shading out fuels, moderate to rapid rates of spread in clear skies, especially above 2,000 ft.

In the absence of weather conditions outside the forecast or extreme fire behavior conditions expect:

	Max Fläme Length	Max. Rate of Spread	Spotting	Probability of Ignition 🖁
Grass	**************************************	65 ch/hr (1.3 km/hr)	< 1/3 mile ( 4 km)	85% (with clear sky)
Grass/Shrub Mix		all alvin (0.8 lenter)	< 1/3 (ville ( 4 lens)	CONTRACTOR (With Charles only)
Shrub	< 20° (6 m)	8 ch/hr (1 9 km/hr)	< 1/3 mile ( 4 km)	85% (with clear sky)
Timber Understory	< 10" (3 m)	45 olvhe (0.9 km/lkr)	< 175 miles (A lons)	85% (with clear stay)
Timber Lifter	- 2" (0.6 m)	5 ch/fly (to 1-femiller)	* 1/5 mile (* km)	88% (with elear sky)

<sup>\*\*</sup>minimum safety zone size for brush fuels is 1/2-acre (0.2 Ha) for a Strike Team of Engines. \*\*minimum safety zone size for timber fuels is 1/3-acre (0.1 Ha) for a Strike Team of Engines.

### SPECIFIC:

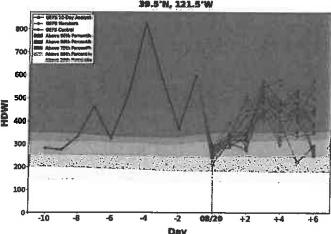
Areas considered dormant may flare with afternoon winds. Butte Creek drainage will see wind channeling and up canyon runs. Timber understory and litter.

Expect rapid rates of spread in grass fuels wherever torching and ember cast is seen.

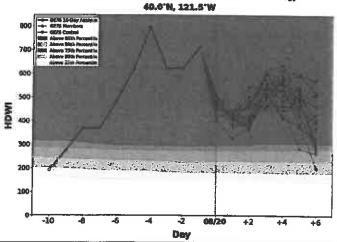
New starts will see rapid growth and establishment. Hot Dry Windy Index well above 95th percentile in timber **Butte Foothills** 

### Max Daily HDWI GEPS Analysis and Forecast & 1981-2010 CFSR Climatology

39.5'N, 121.5'W



### **Butte Timber** Max Dally HDW! GEF5 Analysis and Forecast & 1981-2010 CFSR Climatology



### **AIR OPERATIONS:**

Expect smoky conditions in Butte Zone below 2,000 ft. Mostly clear skies above with afternoon & evening cross winds.

Mixing height: 4,000 ft. AGL where clear, Transport winds: SW 5-10 mph, Sunrise 0624, Sunset 1955.

#### SAFETY

Intense fire runs are possible. Make sure you know where your safety zone is & the time it takes to get there.

1. Incident Name:		<u>ASS</u>	IGNMENT LIST	(ICS 20	4 WF)	CONTROLLED UNCLASSIFIED INFORMATION/BASIC		
	<u> </u>		2. Operational Period:			3. Branch	Division	
BTU/TGU Lightning Co	mple	X	Date From: 08/21/20 Time From: 0700	Date To: Time To:	08/22/20 0700	ı	AA	
4. Operations Personnel:	47					Page 1 of 1	Alpha-Alpha	
Operations Section Chief: Shane Laud	erdale	(Day),	Jeremi Roesler (T)	Deputy Ops:	Garrett Siol	und (Butte Zo		
Branch Director: Jason Dyer				Branch Safety:		and (Butte 20	(TIE)	
Division/Group Supervisor: Tim Cosson	6			Air Attack:				
5. Resources Assigned:		**	Resources Below in Bol	1	- **			
Resource Identifier	ALS	LWD	Leader	Personnel	Request#	Hours	Donati d	
DOZ PVT E-6 - GREG HUMPHERY				1 0100111101	E-6-BTU LIGHT	0700-0700	Reporting Location	
DOZ PVT E-7 - KITE SOLUTION					E-7-BTU LIGHT	0700-0700	Carpenter Ridge	
DOZ PVT E-11- TRG							Carpenter Ridge	
OOZ PVT E-26 - ACT FAST					E-11-POTTERS	0700-0700	Carpenter Ridge	
OOZ PVT E-27 - BRAUN					E-26-BTU LIGHT	0700-0700	Carpenter Ridge	
OOZ PVT E-28 - COTTONWOOD						0700-0700	Carpenter Ridge	
OZ PVT E-29 - ERIC SPRATT					E-28-BTU LIGHT	0700-0700	Carpenter Ridge	
OOZ PVT E-30 - MELANIE		-			E-29-BTU LIGHT	0700-1900	Carpenter Ridge	
OZ PVT E-31 - SONNY					E-30-BTU LIGHT	0700-0700	Carpenter Ridge	
IEQB COLLINS		-	COLLING DAN		E-31-BTU LIGHT	0700-0700	Carpenter Ridge	
02 PUT E-S DIAMOND FIX -> G	2		COLLINS, DAN			0700-1900	Carpenter Ridge	
	1		CRAIG		E-5 BTU LIGHT	0700-0700	CARPENTER PIDEF	
				<del>  </del>	<del></del> -			
Work Assignments:								
entify all fires with GPS location, fire	size, i	nandline	needs, and percentage of	of containmen	t.			
op up 100'. Cut and improve line who	ere ne	eded.						
ckhaul trash.								
Special instructions:								
designated Safety Officers and no	design	ated Lir	ne Medics. These position	s are typically	associated w	/ith team deplo	Wmente however	

resource draw down they are unavailable.

Strike Team Leaders identify Safety Officer and Line Medic qualification and make them known to your Division Supervisor.

8. Communications							· · · · · · · · · · · · · · · · · · ·
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	l Nu
CDF C1	1		151.3550 N			404.0 700	Notes
CDF T24	3				151.3325 N	100 0 (740)	BLOOMER MTN
CDF T18	14	AIR TO GROUND	159 3450 N		159.3450 N		BRANCH I/X
CALCORD	15				156.0750 N	192.8 (T16)	<del> </del>
AIRGUARD V1	16		168.6250 N	. \ 7		156.7 (T6)	
9. Prepared by: Name:		dolyn Ozard	100.0230 14	RESL	168.6250 N	110.9 (T1)	

ICS 204 NIMS JAP

Date/Time: 8/20/2020 2200

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

CONTROLLED UNCLASSIFIED INFORMATION/BASIC

CONTROLLED UNCLASSIFIED INFORMATION/BASIC

1. Incident Name:			2. Operat	ional Period:			3. Branch	Division
BTU/TGU Lightning (	Comple	<b>X</b>	Date From		Date To: Time To:	08/22/20 0700	I	ww
4. Operations Personnel:							Page 1 of 1	Whiskey-Whiskey
Operations Section Chief: Shane La	uderdal	e (Day),	Jeremi Ro	esler (T)	Deputy Ops	Garrett Sjol	und (Butte Zo	ne)
Branch Director: Jason Dy	ег			4	Branch Safety:			THE BUT HER BUT AND THE STATE OF STATE
Division/Group Supervisor: CHRIS	MARKE	У			Air Attack:			
5. Resources Assigned:			Resources	Below in Bo	old are 12 Hou	r to		
Resource Identifier	ALS	LWD	L	eader	Personnel	Request#	Hours	Reporting Location
ENG2 ORO 1_			J HAR	PER	3	E-22-POTTERS	0700-1900	CALFIRE STN 23
ENG3 CHI 15			D. MAI		3	E-102-BTU LIGHT	0700-1900	CALFIRE STN 23
ENG2 BTC 24						E-120-BTU LIGHT	0700-1900	CALFIRE STN 23
ENG BTC 342							0700-1900	<b>CALFIRE STN 23</b>
ENG6 BTC 610			J. NORM	AN	2	E-122-BTU LIGHT	0700-1900	CALFIRE STN 23
ENG BTC 637			N. ELUS	)	3		0700-1900	CALFIRE STN 23
W/T1 BTC 25			N-ELLI	S.B. CHURCHILL	321	E-125-BTU LIGHT	0700-070019	OPCALFIRE STN 23
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6. Work Assignments:					-			
Identify all fires with GPS location,			ne needs, a	nd percentage	of containme	nt.		
Mop up 100'. Cut and improve line	where n	eeded.						
Backhaul trash.								
7. Special Instructions:			_			<u> </u>		
No designated Safety Officers and	no deels	ınated I	ine Madica	These social	nne are timical	hu apposiated	with toom dee	larmanta berre 10
resource draw down they are unav		mateu L	ine iviedics.	. Triese positi	ons are typical	iy associated	with team dep	loyments nowever wit
•		حد المحم	a Madia au		l manden Albania In		N. 1-1 0	
Strike Team Leaders identify Safet	y Officer	ariu Lin	e Medic qua	anncauon and	такө тет к	nown to your t	Nision Super	visor.
3. Communications	,i		12					
Name	Ch	Fu	nction	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1	1		MMAND	151.3550 N	103.5 (T8 )	159.3000 N	131.8 (T3)	
DDF T29	4		CTICAL	<del></del>		151.3475 N	192.8 (T16)	BLOOMER MTN
DF T18	14		GROUND			159.3450 N	192.8 (T16)	BRANCH I
CALCORD	15		DICAL	156.0750 N		156.0750 N	156.7 (T6)	
AIRGUARD V1	16		GUARD	168.6250 N		168.6250 N	110.9 (T1)	
. Prepared by: Name:		lolyn Oz		100.0200 14	RESL	100.0200 14	110.0 (11)	
		.J., UZ	en/W			Signature:	harrie !	ha Deal
CS 204			Date/Time:	ล <i>เ</i> วก <i>เ</i> วกวก	2200	- gi iatai 6. <u>/1</u> 7	Da	rsonnel Count: 0

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CONTROLLED UNCLASSIFIED

1. Incident Name:		2 (	Operational Perio	AL VICE STATE			FORMATION//BASIC
BTU/TGU Lighti	ning Comple	X Da	te From: 08/21/ ne From: 0700	20 Date To		3. Branch	Division FF
4. Operations Personn	èl:				. 0700	Bono d ad	4 - F
Operations Section Chief: Sha	ane Lauderdak	e (Day), Jen	emi Roesler (T)	Denuty O	oc Garrett Ci	Page 1 of olund (Butte 2	
Branch Director:	Commence of the control of the contr			Branch Safe	dv:	biuna (Butte 2	(One)
Division/Group Supervisor:				Air Atta			
5. Resources Assigned:		** Res	ources Below in	Bold are 12 H	our **		
Resource identifier	ALS			eader Personnel		Hours	Reporting Location
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				<del></del>		<del> </del> -	
<u> </u>				_		<del> </del>	
. Work Assignments:							<u></u>
lentify all fires with GPS loc lop up 100'. Cut and improv ackhaul trash.	ation, fire size, e line where ne	handline ned eeded.	eds, and percenta	ge of containm	ent.		
Special Instructions:							
o designated Safety Officers source draw down they are rike Team Leaders identify	unavallable.						
Communications							
ame	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
DF C1	1	COMMAN	ID 151.3550 N		159.3000 N	131.8 (T3)	BLOOMER MTN
DF T18	14	AIR TO GRO	UND 159.3450 N	1 192.8 (T16)	159.3450 N	192.8 (T16)	
LCORD	15	MEDICAL			156.0750 N	156.7 (T6)	<del></del>
RGUARD V1	16	AIRGUAR		, ,	168.6250 N	110.9 (T1)	
Prepared by: Name:	Gwyndo	olyn Ozard	<u> </u>	RESL		1	, 0
					Ciamatura.	r I. /	
5 204		Date/i	ime: 8/20/2020	2200	Signature:	Par	sonnel Count: 0

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

CONTROLLED UNCLASSIFIED INFORMATION/BASIC

			)peratio	nal Period:			3. Branch	Division
BTU/TGU Lightning C	omple	Dat	e From:	08/21/20	Date To:	08/22/20	V	НН
		Tim	e From:	0700	Time To:	0700	_	1111
4. Operations Personnel:							Page 1 of	Hotel-Hotel
Operations Section Chief: Shane La	uderda	e (Day), Jere	mi Roes	sler (T)	Deputy Ops	Garrett Sjol	und (Butte Zo	one)
Branch Director:					Branch Safety	:		The state of the s
Division/Group Supervisor: Jason Fin	ney		y. vi		Alr Attack			
5. Resources Assigned:		** Res	ources E	Selow in Bo	ld are 12 Ho	Jr **		
Resource Identifier	ALS	LWD	Lea	der	Personnel	Request #	Hours	Reporting Location
ENG3 BTU 2166						E-110-BTU LIGHT	0700-1900	Inskip
ENG3 BTU 2185						E-111-BTU LIGHT	0700-1900	Inskip
ENG3 BTC 321						E-107-BTU LIGHT	0700-1900	Inskip
STG TGU 9254G	1 5	JO	JORGENSEN, DYLAN		33 +/-	C-1-TGU BAT 3	0700-1900	Inskip
STG LMU 9225H			MADSON, JOE		33	C-6-BTU LIGHT	0700-0700	Inskip
DOZ BTU 2140				,			0700-0700	Inskip
DOZ BTU 2149						E-147-BTU LIGHT	0700-0700	Inskip
DOZ BUTTE 1				-			0700-0700	Inskip
N/T PVT E-14 - GARR						E-14-POTTERS	0700-0700	inskip
N/T1 PVT E-25 - CONVERSE						E-25-BTU LIGHT	0700-0700	Inskip
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	<del> </del>							
	-	<del>                                     </del>						
	+							
		<del>                                     </del>						
. Work Assignments:								
dentify all fires with GPS location,	ira eiza	handline ne	ode and	percentes	of containme	ant.		
flop up 100'. Cut and improve line			cus, and	percentage	or comainine	ii it.		
ackhaul trash.	MIIOICI	iceded.						
ackriaui uasii.								
. Special instructions:	_							
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esource draw down they are unave		griatou Ellio II	negios. i	nese positio	ina are typica	ny associateu	with team dep	ioyments nowever wi
trike Team Leaders identify Safety		and Line Ma	dio quali	fication and	maka tham k	nown to your f	Ondolon Cons	- 4
and realification dentity earlety	Omoci	and Line Me	dic quan	ilication and	IIIANG UIGIII N	nown to your I	Jivision Super	visor,
Communications								
ame	Ch	Functio	n	Rx Freg	Rx Tone	Tx Freq	Tx Tone	Notes
DF C1	1	COMMA		51.3550 N	103.5 (T8 )	159.3000 N		<del></del>
OF T30	5	TACTIC			192.8 (T16)		131.8 (T3)	BLOOMER MTN
OF T18	14	AIR TO GRO		59.3450 N	192.8 (T16)	151.3925 N 159.3450 N	192.8 (T16)	BRANCH V
ALCORD	15	MEDICA		56.0750 N			192.8 (T16)	
RGUARD V1					T56.7 (T6)	156.0750 N	156.7 (T6)	
	16	AIRGUA	ון עא	68.6250 N	DE6!	168.6250 N	110.9 (T1)	
Prepared by: Name:	Gwyn	dolyn Ozard			RESL	Signature:	/	I A
						STABABIIPA: A		# 11. x /

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CONTROLLED UNCLASSIFIED INFORMATION/BASIC

1. Incident Name:				.2	1.00			FORMATION//BASIC
BTU/TGU Lightning	Commi			itional Period			3. Branch	Division
B 10/100 Lightning	comp	lex	Date Fro		Date To:	08/22/20	l v	DD
			Time Fro	m: 0700	Time To:	0700	_ v	PP
4. Operations Personnel:	<u> </u>						Page 1 of	1 Papa-Papa
Operations Section Chief: Shane La	uderda	ale (Day)	, Jeremi R	loesier (T)	Deputy Ops	s: Garrett Sjol	und (Butte Z	one)
Branch Director:		Marie Indian production and annual property			Branch Safety	<b>/</b> :		
Division/Group Supervisor: #REFI	MIKE	CONTAY			Air Attack	1		**************************************
5. Resources Assigned:	9.5			s Below in B	old are 12 Ho	ur **		
Resource Identifier	AL:	S LWD	<u> </u>	Leader	Personnel	Request #	Hours	Reporting Locati
ENG3 BTU 2170			<del> </del>			Е-109-ВТО ЦСНТ	0700-1900	Inskip
ENG3 BTU 2182			<u> </u>			E-113-BTU LIGHT	0700-1900	inskip
ENG3 BTC 327							0700-1900	Inskip
CRW1 C-11 BFC1					16 +/-	C-11-BTU LIGHT	0700-1900	Inskip
CRW1 C-12 BFC2		<del></del>			16 +/-	C-12-BTU LIGHT	0700-1900	inskip
DOZ SHU 2442	_ _		<u> </u>			E-9-POTTERS	0700-0700	Inskip
DOZ PVT E-8 - MCGOWAN	+					E-8-BTU LIGHT	0700-0700	Inskip
DOZ PVT E-12- ACT FAST		+				E-12-POTTERS	0700-0700	Inskip
W/T1 BTC 42						E-124-BTU LIGHT	0700-1900	Inskip
W/T1 PVT E-17 - FORD						E-17-POTTERS	0700-0700	inskip
W/T1 PVT E-19 - BLACK	<del></del>					E-19-BTU LIGHT	0700-0700	Inskip
WT BTC 31 FM UNASSINGE			RAY JO	MOSCHH			0700-1900	
CRW2C-13 \$ FUELS 2149	FM S	5			16 1/-		0700-1900	
		1 1						
	$\overline{}$							
. Work Assignments:								
. Work Assignments: dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.	fire size	e, handlin	ne n <del>oo</del> ds, a	nd percentage	e of containme	nt.		
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.	fire size	e, handlin	ne n <del>oo</del> ds, a	nd percentage	e of containme	nt.		
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions:	where r	needed.						
dentify all fires with GPS location, to up 100'. Cut and Improve line ackhaul trash.  Special Instructions:  o designated Safety Officers and a	where r	needed.					vith team dep	ovments however
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions: o designated Safety Officers and a source draw down they are unavasource down th	where r	needed.	ine Medics	. These positi	ons are typical	ly associated v		
lentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions:  o designated Safety Officers and a source draw down they are unavasource down they	where r	needed.	ine Medics	. These positi	ons are typical	ly associated v		
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions:  o designated Safety Officers and a source draw down they are unavarise Team Leaders identify Safety	where r	needed.	ine Medics	. These positi	ons are typical	ly associated v		
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions:  o designated Safety Officers and a source draw down they are unavarike Team Leaders identify Safety  Communications	no designation of the control of the	gnated Line	ine Medics e Medic qu	. These positi	ons are typical	ly associated v		
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions: o designated Safety Officers and a source draw down they are unavarike Team Leaders identify Safety  Communications	where r	gnated Line	ine Medics	. These positi	ons are typical	ly associated v	ivision Super	/isor.
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions: o designated Safety Officers and a source draw down they are unavarike Team Leaders Identify Safety  Communications  ame  OF C1	no designation of the control of the	gnated Line	ine Medics e Medic qu	. These positi	ons are typical make them kr	ly associated v	ivision Super	visor. Notes
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions: o designated Safety Officers and a source draw down they are unavarike Team Leaders identify Safety  Communications ame  DF C1  DF T32	no designation of the control of the	gnated Line and Line Ful	ine Medics e Medic qu nction	. These position and Rx Freq	make them kr	iy associated voown to your D  Tx Freq 159.3000 N	Tx Tone	Visor.  Notes  BLOOMER MTN
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions: o designated Safety Officers and a source draw down they are unavarike Team Leaders identify Safety  Communications  ame OF C1 OF T32	no designiable.	gnated Line Ful COM	ine Medics e Medic qu nction	Rx Freq	make them kr  Rx Tone 103.5 (T8) 192.8 (T16)	Tx Freq 159.3000 N	Tx Tone 131.8 (T3) 192.8 (T16)	visor. Notes
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions:  designated Safety Officers and a source draw down they are unavarike Team Leaders Identify Safety  Communications  ame  DF C1  DF T32  DF T18  ALCORD	no designation of the control of the	gnated Line Ful COM TAC AIR TO	ine Medics e Medic qu nction MMAND	Rx Freq	Rx Tone 103.5 (T8) 192.8 (T16)	Tx Freq 159.3000 N	Tx Tone 131.8 (T3) 192.8 (T16) 192.8 (T16)	Visor.  Notes  BLOOMER MTN
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions: o designated Safety Officers and a source draw down they are unavarike Team Leaders identify Safety  Gemmunications ame OF C1 OF T32 OF T18 ALCORD RGUARD V1	no designiable. Ch 1 6 14	gnated Line Full COM TAC AIR TO	ine Medics e Medic qu nction MMAND CTICAL GROUND	Rx Freq 151.3550 N 151.2425 N	Rx Tone 103.5 (T8) 192.8 (T16) 192.8 (T16) T56.7 (T6)	Tx Freq 159.3000 N 151.2425 N	Tx Tone 131.8 (T3) 192.8 (T16) 192.8 (T16) 156.7 (T6)	Visor.  Notes  BLOOMER MTN
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions:  o designated Safety Officers and a source draw down they are unavarise Team Leaders identify Safety	no designation of the control of the	gnated Line Full COM TAC AIR TO	ine Medics e Medic qu nction MMAND TICAL GROUND DICAL GUARD	Rx Freq 151.3550 N 151.2425 N 159.3450 N	Rx Tone 103.5 (T8) 192.8 (T16) 192.8 (T16) T56.7 (T6)	Tx Freq 159.3000 N 151.2425 N 159.3450 N	Tx Tone 131.8 (T3) 192.8 (T16) 192.8 (T16)	Visor.  Notes  BLOOMER MTN
dentify all fires with GPS location, lop up 100'. Cut and Improve line ackhaul trash.  Special Instructions: o designated Safety Officers and a source draw down they are unavarike Team Leaders identify Safety  Gemmunications ame OF C1 OF T32 OF T18 ALCORD RGUARD V1	no designation of the control of the	gnated Line  and Line  COM  TAC  AIR TO  MEI	ine Medics e Medic qu nction MMAND TICAL GROUND DICAL GUARD	Rx Freq 151.3550 N 151.2425 N 159.3450 N	Rx Tone 103.5 (T8) 192.8 (T16) 192.8 (T16) T56.7 (T6)	Tx Freq 159.3000 N 151.2425 N 159.3450 N	Tx Tone 131.8 (T3) 192.8 (T16) 192.8 (T16) 156.7 (T6)	Visor.  Notes  BLOOMER MTN

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	3. Branch	Division		
08/22/20 0700	V	SS		
	Page 1 of 1	Sierra-Sierra		
Deputy Ops: Garrett Sjolund (Butte Zone)				
	and the second s	The state of the s		
ur **				
Request #	Hours	Reporting Location		
E-1-BTU LIGHT	0700-1900			
E-112-BTU LIGHT	0700-1900	· ·		
E-113-BTU LIGHT	0700-1900			
E-118-BTU LIGHT	0700-1900			
	0700-1900			
E-117-BTU LIGHT	0700-1900			
E-106-BTU LIGHT	0700-1900			
C-13-BTU LIGHT	0700-1900			
E-126-BTU LIGHT	0700-0700			
E-13-POTTERS	0700-0700			
E-15-POTTERS	0700-0700			
E-19-POTTERS	0700-0700			
0-	0700-			
0-	0700-			
ent.				
	ent.	int.		

No designated Safety Officers and no designated Line Medics. These positions are typically associated with team deployments however with resource draw down they are unavailable.

Strike Team Leaders identify Safety Officer and Line Medic qualification and make them known to your Division Supervisor.

8. Communications	1 1 1 1 1						
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1	1	COMMAND	151.3550 N	103.5 (T8)	159.3000 N	131.8 (T3)	BLOOMER MTN
VFIRE 23	7	TACTICAL	154.2950 N	156.7 (T6)	154.2950 N	156.7 (T6)	BRANCH V
CDF T18	14	AIR TO GROUND	159.3450 N	192.8 (T16)	159.3450 N	192.8 (T16)	
CALCORD	15	MEDICAL	156.0750 N	T56.7 (T6)	156.0750 N	156.7 (T6)	
AIRGUARD V1	16	AIRGUARD	168.6250 N		168.6250 N	110.9 (T1)	

9. Prepared by: Name: Gwyndolyn Ozard **RESL** Signature: Juyob ICS 204 Date/Time: 8/20/2020 2200 Personnel Count:

NIMS IAP

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

CONTROLLED UNCLASSIFIED INFORMATION/BASIC

			- open	ational Perio	d:		3. Branch		Division
BTU/TGU Lightning (	Comple	ex	Date Fro			08/22/20			
4. Operations Personnel:		100	Time Fr	om: 0700	Time To	0700	^		GG
	<u> </u>		- 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14				Page 1 o		Golf-Gol
Operations Section Chief: Shane La  Branch Director: Chad Por	uderda	le (Day)	, Jeremi F	Roesler (T)	Deputy Op	s: Garrett Sjo	lund (Butte	Zone)	
Division/Group Supervisor:	ter				Branch Safet	y:			
5. Resources Assigned:					Air Attac	1		T, didawa 16, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	
Resource Identifier	41.0				3old are 12 Ho				
SHU T/F 01	ALS	LWD	<del></del>	Leader	Personne	Request #	Hours	Rep	orting Loca
CNR T/F 02		+	<del> </del>			E-52-BTU LIGH	т 0700-1900		
ENG3 BTU 2167	-	+				E-18-BTU LIGH	т <b>0700-190</b> 0		
ENG3 BTU 2181	<del></del>	-				E-108-BTU LIGH	т 0700-1900		
ENG3 BTC 366	+-	-	-			E-114-BTU LIGH	т 0700-1900		
ENG3 GRD 376	-		ļ			E-116-BTU LIGH	т 0700-1900		
		-	JESS1E	E VANDERGA	2115		т 0700-1900		
NG3 PNF E330 RELEASED TO	FOREST	T 8/20	2 D 19:	30 FOR NE	N FIRE ON	FED LAND	0700-1900		
		-				E-121-BTU LIGH	0700-1900		
OOZ PVT E-5 - DIAMOND -> DIA	/ AA	1-1				E-5-BTU LIGHT	0700-0700		
V/T1 EMD 3		-				E-129-BTU LIGHT	0700-0700		
V/T1 BTC 52		-				E-128-BTU LIGHT	0700-0700		
//T1 BTC 64			DARRIN	READ		E-131-BTU LIGHT	0700-0700		
//T1 BTC 67						E-127-BTU LIGHT	0700-0700		
/T1 PVT E-18 - MARYMEE						E-18-POTTERS			
//T1 PVT E-23 - TWO BROTHER	-					E-23-BTU LIGHT			
//T1 PVT E-24 - COLEMAN						E-24-BTU LIGHT	0700-0700		
/T PVT E-82							0700-0700		
ALM Matney			Ma	atney		O-35-BTU LIGHT	0700-1900		
Work Assignments: entify all fires with GPS location, fi	ire size,	handlin	e needs, a	ind percentag	e of containme	int.			
Work Assignments: entify all fires with GPS location, fi op up 100'. Cut and improve line v ckhaul trash.  Special Instructions: designated Safety Officers and n ource draw down they are unavail	where ne	eeded.	ne Medics	. These positi	ons are typical	ly associated			s howeve
Work Assignments: entify all fires with GPS location, fi op up 100'. Cut and improve line v ackhaul trash.  Special Instructions: designated Safety Officers and n source draw down they are unavailike Team Leaders identify Safety	where ne	eeded.	ne Medics	. These positi	ons are typical	ly associated			s however
Work Assignments: entify all fires with GPS location, fire up 100'. Cut and improve line winckhaul trash.  Special Instructions: designated Safety Officers and neource draw down they are unavailable Team Leaders identify Safety	where ne	nated Li	ne Medics Medic qu	. These positi	ons are typical I make them ki	ly associated	Division Super	visor.	
Work Assignments: entify all fires with GPS location, fi op up 100'. Cut and improve line v ickhaul trash.  Special Instructions: designated Safety Officers and n iource draw down they are unavailable Team Leaders identify Safety  Communications me	vhere ne to designilable. Officer a	nated Line	ne Medics Medic qu	. These positi alification and Rx Freq	ons are typical I make them ki	ly associated nown to your [	Division Super	visor.	Notes
Work Assignments: entify all fires with GPS location, fi op up 100'. Cut and improve line with the provided in the second improve line with the second improve line with the second instructions: I designated Safety Officers and not source draw down they are unavailable. Team Leaders identify Safety  Communications  The second improve line with the second in the sec	o designilable. Officer a	nated Lineard Line Fun	ne Medics  Medic qu	. These positi alification and Rx Freq 151.3550 N	ons are typical make them ke Rx Tone 103.5 (T8)	Tx Freq	Tx Tone 131.8 (T3)	visor.	Notes
Work Assignments: entify all fires with GPS location, fire up 100'. Cut and improve line was the communications: designated Safety Officers and necurce draw down they are unavailable Team Leaders identify Safety  Communications me FC1 FT24	o designilable. Officer a	nated Line Fun COM TAC	ne Medics  Medic quantition  MAND  TICAL	. These positi alification and Rx Freq 151.3550 N 151.3325 N	ons are typical make them ki Rx Tone 103.5 (T8)	Tx Freq 159.3000 N	Tx Tone 131.8 (T3) 192.8 (T16)	visor.	Notes
Work Assignments: entify all fires with GPS location, fi op up 100'. Cut and improve line with the properties of the control o	o designilable. Officer a	eeded.  nated Line Fun COM TAC	ne Medics  Medic quantition  MAND  TICAL  GROUND	Rx Freq 151.3550 N 159.3450 N	ons are typical make them kr Rx Tone 103.5 (T8) 192.8 (T16)	Tx Freq 159.3000 N 151.3325 N 159.3450 N	Tx Tone 131.8 (T3) 192.8 (T16) 192.8 (T16)	visor.	Notes
Work Assignments: entify all fires with GPS location, fire up 100'. Cut and improve line with the pup 100'. Special instructions:  designated Safety Officers and no cource draw down they are unavailable. Team Leaders identify Safety.  Communications  me FC1 FT24 FT18 LCORD	o designilable. Officer a	eeded.  nated Line Fun COM TAC NR TO	ne Medics  Medic qu  Inction  MAND  TICAL  GROUND	Rx Freq 151.3550 N 159.3450 N 156.0750 N	Rx Tone 103.5 (T8) 192.8 (T16) 156.7 (T6)	Tx Freq 159.3000 N 151.3325 N 159.3450 N	Tx Tone 131.8 (T3) 192.8 (T16) 192.8 (T16) 156.7 (T6)	visor.	Notes
Work Assignments: entify all fires with GPS location, fire up 100'. Cut and improve line was that trash.  Special Instructions: designated Safety Officers and new the source draw down they are unavailable. Team Leaders identify Safety.  Communications me F C1 F T24 F T18 LCORD GUARD V1	o designilable. Officer a	eeded.  nated Line Fun COM TAC NR TO (  MED AIRG	ne Medics  Medic qu  Action  MAND  TICAL  GROUND  HICAL  UARD	Rx Freq 151.3550 N 159.3450 N	Rx Tone 103.5 (T8) 192.8 (T16) 156.7 (T6)	Tx Freq 159.3000 N 151.3325 N 159.3450 N	Tx Tone 131.8 (T3) 192.8 (T16) 192.8 (T16)	visor.	Notes
work Assignments: entify all fires with GPS location, fi op up 100'. Cut and improve line v ackhaul trash.  Special Instructions: o designated Safety Officers and n source draw down they are unavalitie Team Leaders identify Safety  Communications me of C1 F T24 F T18 LCORD	ch 1 3 14 A 15 16	eeded.  nated Line  Fun  COM  TAC  MED  AIRG	me Medics  Medic qu  Medic qu  MAND  TICAL  GROUND  PICAL  UARD	Rx Freq 151.3550 N 159.3450 N 156.0750 N	Rx Tone 103.5 (T8) 192.8 (T16) 156.7 (T6)	Tx Freq 159.3000 N 151.3325 N 159.3450 N	Tx Tone 131.8 (T3) 192.8 (T16) 192.8 (T16) 156.7 (T6)	visor.	Notes R MTN

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## SAFETY MESSAGE

### BTU TGU Lightning Complex

August 21, 2020 0700-0700 CA-BTU-009692



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### **GENERAL ILLNESS**

### FATIGUE, HOT WEATHER, HARD EXHAUSTIVE WORK PUTS US AT RISK

### Watch Out

- Hot weather causes dehydration, heat exhaustion and serious medical emergencies
- Hard exhaustive work increases core temperature, weakens the body's ability to function healthy and causes fatigue
- Fatigue Causes poor judgement and decreased work performance affecting safety

### **Mitigation**

- Rest and water hydration reduces fatigue and exhaustion emergencies
- Drink plenty of water and eat right—START EARLY reduce caffeine input take breaks throughout the work-period and take measures to cool down
- Reduced Caloric intake can contribute to Fatigue and potentially Rhabdomyolysis

### UNDERSTANDING THE PLAN

Multiple Agencies Working in Coordination

### Watch Out

- Operational briefing not being passed down to lowest level
- Objectives not clear
- Lack of participation at briefings

### **Mitigations**

- Leaders hold the responsibility to provide complete briefings and ensure their subordinates have a clear understanding of the plans intent
- All personnel who have not received a briefing shall notify their direct supervisor prior to engaging
- Supervisors will ensure briefings are attended and personnel understand their role

### **Chainsaw Felling Accidents**

### IDENTIFY HAZARDS / WORK WITHIN QUALIFICATION / CONSIDER ALTERNATIVES

- Tree hang-ups account for <u>25%</u> of felling fatalities. When a tree you are working on becomes a hang-up, reconsider the risks to personnel safety and consider alternatives and mitigations.
- Are you qualified and confident with felling assignment?
- All sawyers have the authority to decline a felling assignment if they feel it is unsafe. Or if the assignment exceeds their training, qualification or experience.
- Consider alternatives to felling hazard trees.
  - Utilize heavy equipment to remove the hazard
  - Restrict access
  - o Notify and Utilize signs/flagging to communicate the hazard
- Bucking operations can also be hazardous. Alternatives can also be used for bucking operations (e.g. use mitigation measures to restrict access, use heavy equipment, decline assignment if here are no mitigations).





## INCIDENT ACTION PLAN SAFETY ANALYSIS (ICS 215A)



1. Incident Name: Te	hama Glen Zone		2. Inciden	t Number: 20-CA-TGU-
3. Date/Time Prepare		4. Operational		
Date: 08/20/2020 Tin	ne: 1700 hours		Ti	ate From: 08/21/2020 To: 08/22/2020 me From: 0700 hours To: 0700 hours
5. Incident Area	6. Hazards/R	Risks		7. Mitigations
ALL		sical and mental		Continually monitor your crew. Know the signs and symptoms of heat illness. Plan for a 2-1 Work Rest Work Cycle
ALL	to lodging; pa	vays – extended o ssing on undivide w moving truck tra dust	d	Turn lights on, observe speed limits and expect vehicles opposing traffic. Plan for extended travel times.
ALL		Rhabdomyolysis		With the long operational shifts and high humidity's, maintain your crews water and caloric intake regimen.
ALL	· .	nd heavy equipme	ent	Maintain eye-to-eye contact with the operator. Have fire suppression support when operating in dry fuels.
ALL	Poor communi	ications		Review ICS 205 and ensure radio clone is current.
ALL	Steep, unstable			Watch footing and maintain downhill tool placement. Be aware of loose material. Look for ash pits and stump holes.
ALL	Unburned area	es .		LCES - utilize worst case scenario when working in or around pockets of unburned fuels.
ALL	Hazardous Tre			IRPG Pg 22: Identify and Flag Hazardous Trees. Eliminate hazardous trees with qualified sawyers or heavy equipment.
ALL		ctive Equipment (	PPE)	Wear appropriate PPE for all operations until your supervisor indicates its safe to remove.
ALL	Highway 99/32 logging trucks w	CAL TRANS Be a vorking in the area		Drive slow through the construction areas. Expect delays along Hwy 99.
ALL	COVID-19: Red yourself, your cr	uce exposure pot ew and the public	·	Wear a mask while in the ICP, while feeding and with the public, and when six feet of social distancing is difficult. Wash hands for at least 20-seconds.
LL .	Helicopters - Wa Turbulence		5	Post lookouts and make escape routes and safety zones know. CES. Watch overhead for hazard tees and wind changes.
round Support	one another in tig		round (	Chock wheels Use spotters and backers.
Prepared by (Safety O	fficer): Name: Doug	las M Ferro	5	Signature.
Prepared by (Deputy C	perations Section Ch	nief): Name: Sha	ne Laudero	lale Signature:
S 215A		Date/Time: 08.		

Prepared By	Greg Bradshaw	Operational Period - Time	0700 - 0700	1 -	MakeModel Location Request Procedure for These Alroraft: Contact Incident Communications	See Medical Plan For Additional Info	Trainee Name Phone										Start Remarks / A - #												Start	-			
	st 20, 2020	lod - Date	21, 2020			fr2/list.html	Phone	949) 887-2841	(626) 377-7406		(530) 520-8651	1000.030/					Avail												Avail			+	-
Date Prepared	ı rıursday, August 20,	Operational Period - Date	Friday, August 21, 2020	TFR Information Request # Radius: NI Alftude: M	Centerpoint: NOTAMS: Frequency	)/ob.e	1	+								Make Mandal	asedinar neilbase												Make/Model Base	Ш			
		OWN	24	_		2 if needed) ht	Name	Grey bradsnaw	Ray Gomez		Byron Vance	•				Time	Ť												Type Mak	П	1	+	
Time Prepared		Shutdown	2024	Helibase Information Name Red Bluff Latitude 40° 15.01 Longitude 122° 25.21	Name Latitude Longitude	<u>o</u>	ASSIGN	2000	HEBM		HLCO				PTERS	FAA#												WING	FAA#				
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ICS-220 (TGU)	⊢		7000	PS / GALL S / GALL DECIMAL	tify the AOBL Map Detailin	ř	164.1375	126.8750		159.2700	159.3900	0007	163.1000	156.0750 168.6250	2000	Start		8:00	9.OO	8:00		1							Start		$\downarrow$		
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ONS	cident Num	Complex CA-B	Safety Notes: H	TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN.  TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS TAKEN.  All GPS DATA TO BE COLLECTED IN <u>DEGREES. MINUTES. DECIMAL MINUTES</u> FORMAT.  Behardon / Form / Agent within 300' of Weterways. Bodies of Weter, etc.	Interest and Tream Agent is Uropped Within These Areas Immediately Notify the AOBD and Provide the Following Information: Let / Long, Estimated Number of Gallons and a Map Detailing The Area.	X	164.1375	126.8750		159.2700	151.4600	163 1000	156.0750	168,6250		Make/Model		Bell 212 Rell 205	201 200	Bell 206									Make/Mode!				
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AIR OPERATIONS SUMMARY	Incident Name and Incident Number	CA - BTU / TGU - Lightming Complex CA-BT11-009844	ral Remarks	RACK ALL ACK ALL ATA TO BE Aerial Applic	Information	Frequencies	AIR TACTICS	AIR / AIR Rotor Victor	AIK / AIK Briefing Victor	AIR / GROUND - Tactical	COMMAND	DECK	CALCORD - MEDICAL	mergen		É				Ц		L		_					Туре				

Prepared Rv	Gren Bradchau	Operational Period - Time	0700 - 0700	Rescue Ship Information  Day Night		Newwoole Ocation Request Procedure for These Assessed	Contact Incident Communications	Trainge Name	Phone									Remarke / A .#	# K											Remarks			
		Opera		Rescu	Phone	Location   Request P	Contact	Traine										Start							+	-	+-			Start		+	$\left  \cdot \right $
Pa	t 20, 2020	od - Date	21, 2020	rtion NM	MSL	Long	Frequency http://tfr.faa.gov/ffr2/list html	Phone	949) 887-2841	(530) 520-8651	530) 864-2582		(530) 520-8651	524 9740	(530) 990 5128	2000		Avail												Avail	<del> </del>		
Date Prepared	Thursday, August 20,	Operational Period - Date	Friday, August 21, 2020	rrk information st# lius:	às 4	u .x	y faa.gov/ffr		(949)	(230)	(080)		(230)	(530)	530			Helibase												Base			
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Time Prepared	1800	Shutdown 2024	Helibase Information	Name Chico Latitude 39° 47.67	9 121" 51.52	s) m a	2 if needed)	Z	Greg			Rung	5	S. Mc	H.S			Туре									<del> </del>		ľ	<u>200</u>	-   		
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AIR OPERATIONS SUMMARY	Incident Name and Incident Number	General Bounds	Sarety Notes, PSITE LOCATION	All GPS DATA TO BE COLLECTED IN <u>DEGREES. MINUTES. DECIMAL</u> MINUTES FORMAT	if Retardant / Foam / Agent is Dropped Within These Areas Immediately Notify the AOBD and Provide the Follmum.	Lony, Estimated Number of Gallons and a Map Detailing The Area.	X	163.1500	134.3250		159.3450	151.3550	163,1000				Make/Model		Chinook / CH-47	Chinook / CH-47	Airbus 350B2								Make/Model				
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CONTROLLED UNCLASSIFIED INFORMATION//BASIC BLOOMER MTN 151.3325 N | 192.8 (T16) | 151.3325 N | 192.8 (T16) | BRANCH IIX 151.3925 N 192.8 (T16) 151.3925 N | 192.8 (T16) BRANCH V 151.2425 N | 192.8 (T16) | 151.2425 N | 192.8 (T16) | BRANCH V **BRANCH V** 151.3475 N | 192.8 (T16) | 151.3475 N | 192.8 (T16) | BRANCH I 08/22/20 No. of Lines Notes 0200 1930 131.8 (T3) 154.2950 N | 156.7 (T6) 154.4150 N | 123.0 (T2) | 159.0000 N | 136.5 (T4) 159.3450 N | 192.8 (T16) | 159.3450 N | 192.8 (T16) 168.6250 N | 110.9 (T1) 156.0750 N | 156.7 (T6) Date To: Time To: Tx Tone MIMS IAP Date/Time: 08/20/20 Signature: 151.3550 N | 103.5 (T8 ) | 159.3000 N | 3. Operational Period: Date: 08/20/2020 Date From: 08/21/20 Tx Freq 1930 Time From: 0700 156.0750 N | T56.7 (T6) 154.2950 N | 156.7 (T6) Rx Tone 168.6250 N Rx Freq 6. Prepared by (Communications Unit Leader): Name: Mike Heyfron COML Time: ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION/BASIC 2. Date/Time Prepared **Assigned To** DIV AA/GG ALL DIVS ALL DIVS ALL DIVS ALL DIVS ALL DIVS DIV WW DIV HH DIV SS DIV PP AIRGUARD V1 BUTTE CMD CALCORD BTU/TGU Lightning Complex VFIRE 23 **CDF T24 CDF T29** CDF T30 **CDF T32** AIR TO GROUND CDF T18 CDF C1 Name **BUTTE ZONE** 5. Special Instructions 4. Communications COMMAND COMMAND **AIRGUARD** 1. Incident Name: TACTICAL TACTICAL TACTICAL TACTICAL TACTICAL Ch# |Function MEDICAL 16 Ξ 3 4 15 9 12 8 9 N က Ŋ 17 20 4 ဖ Ø œ

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6. Pre	6. Prepared by (Communications Unit Leader): Name:	ications Unit Leade	er); Name:					
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<u>.                                    </u>	1. Incident Name:		2. Date/Time Prepared		3. Operational Period:	nal Period:		
	BTU/TGU Lightning Complex	ng Complex	Date:		08/20/2020 Date From: 08/21/20	08/21/20	Date To:	08/22/20
	GLENN ZONE	ONE	Time:		1930 Time From:	0020	Time To:	0700
4	4. Communications							のでは、これはいるとというです。 ちょういまつ とうかいかい
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-	COMMAND	CDF C7	ALL DIVS	151.4600	103.5 (T8)	159.3900	110.9 (T1)	
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4	TACTICAL	CDF T28	DIV BB/CC	151.1825	192.8 (T16)	151.1825	192.8 (T16)	BRANCH XX
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4	TACTICAL	CDF T15	S/IF DIVS	159.2700 N	159.2700 N 192.8 (T16) 159.2700 N	159.2700 N	192.8 (T16)	
15	MEDICAL	CALCORD	ALL DIVS	156.0750 N	T6 - 156.7	156.0750 N	T6 - 156 7	
92	AIRGUARD	AIRGUARD V1	ALL DIVS	168.6250 N		168.6250 N	110.9 (T1)	
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5. Sp	5. Special Instructions							
6. Pre	6. Prepared by (Communications Unit Leader); Name	nications Unit Lez	eder): Name:			Signature:	Muller	
ICS 2	05 - CONTROLLE	D UNCLASSIFIED	ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION/BASIC		MIMS IAP	ш	08/20/20	1930
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**MEDICAL PLAN (ICS 206)** 

1. Incident Name:	TTP TAKE			2. Operational Per	riod: [	Date From:	8/21/20	Date To	: 8/22/2
BU	TTE ZONE					ime From:	Payane and the same	Time To	
Name									3,00
Name				Location		Contact Nu	mber/Freq	Para	medics
		+							
4. Transportation (Indicate a	ir or ground).								
Ambulance Serv									
Butte County EMS		Chico, CA		ocation		Contact N		Level	of Service
Air Ambulance-Reach / CALST	TAR .	Marysville,				30-895-912		A	LS
Enloe Air Ambulance		Chico, CA				00-338-404			RN
5. Hospitals:		Onico, CA			80	0-344-186	3	F	RN
	Add	ress,			T - =		<del></del>		
Hospital Name		g Helipad	— Co	ntact Number(s)/ Frequency	rav	el Time	Trauma	Burn	
Enloe Medical Center					Air	Ground	Center	Center	Helipad
Oroville Hospital	39.7426 -			530 332-7743		7 20	Level 2		₽
UC Davis Medical Center	39.5067 -			530 532-8334		7 20	Level 3		3
	38.5549 -	121.4552	+	916 734-3790	30	90	Level 1	<b>P</b>	₽,
			<del></del>						
3. Special Medical Emergency	Dungandana					1 7		n	<del></del>
ine Emergency Trew Supervisor will contact Division Sucomplaint/condition and location		t	1	Reporting Procedu	ures				
ine Emergency Frew Supervisor will contact Division Su	pervisor with patier ed.  ve as point of conta annel CALCORD) should hergency. Imand channel for ed.	nct and d be used emergency	Nature Locati Point of Transp Point of Patient Is an E Age:	of Injury:	d by: Air	Grou	ind		
Line Emergency Trew Supervisor will contact Division Sulomplaint/condition and location.  Division Group Supervisor Contacts:  1. Closest EMS resource  2. Communications Unit Contacts:  1. Ground or Air ambulance as request  2. Operations  3. Safety  4. Medical Unit Division Supervisor or designee will ser run medical emergency on assigned chance for IVVI and only for duration of the encommunications Unit will clear the Communications Unit with patient complaind dical staff will respond to stabilize the professional Unit contacts  Communications  Safety  Logistics  Operations  Crew Supervisor	ed.  ve as point of containnel CALCORD) should be repency. Imand channel for ed.  nt/condition and local atient.  are utilized for der):	ect and d be used emergency ation.	Natura Locati Point of Transp Point of Patient Is an E Age: All En witne of eve	of Injury:	d by: Ail Long es re the are stigation	NoBa and idea	ind		
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# BTU/TGU LIGHTNING COMPLEX CA-BTU-009841 REMOTE CHECK-IN



Please use this code to Check In to the BTU/TGU LIGHTNING COMPLEX

**REMEMBER: YOU MUST STILL VISIT TIME UNIT!** 

### TRAINING SPECIALIST MESSAGE

A Training Specialist is available for trainees on the incident.

All State, Federal and local government agency Trainees working on Position Task Books will need to register with the Incident Training Specialist in order to receive proper credit for

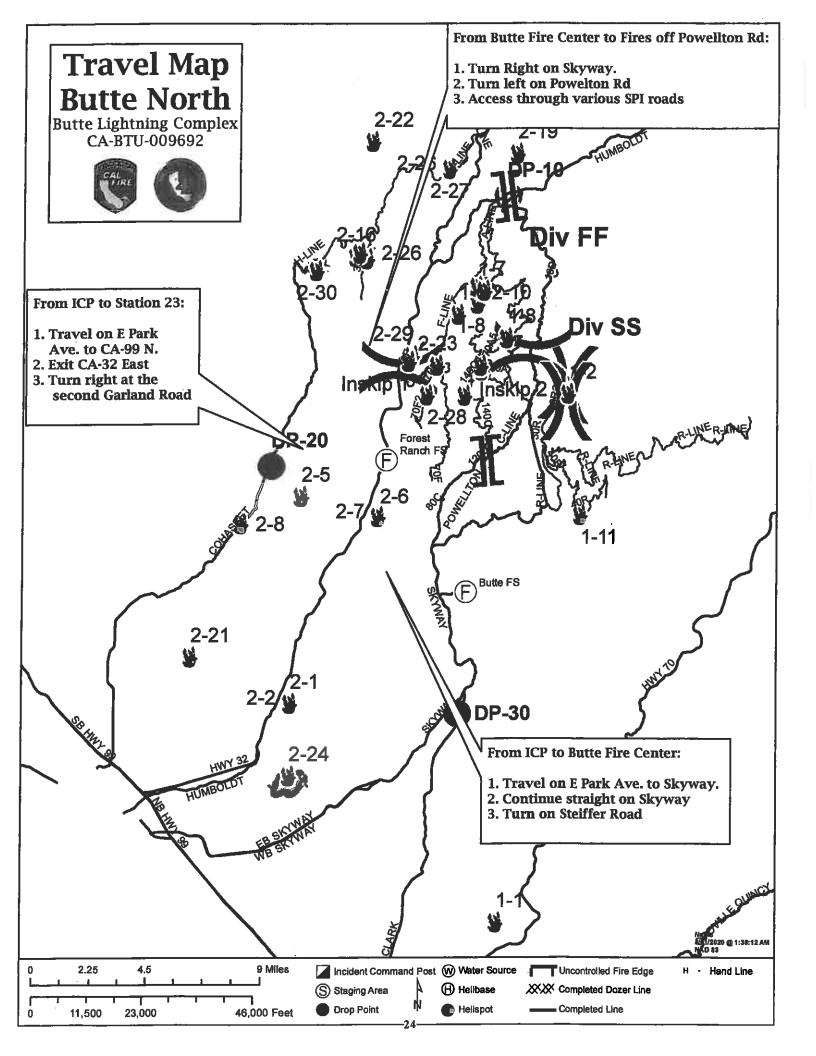
your assignment.

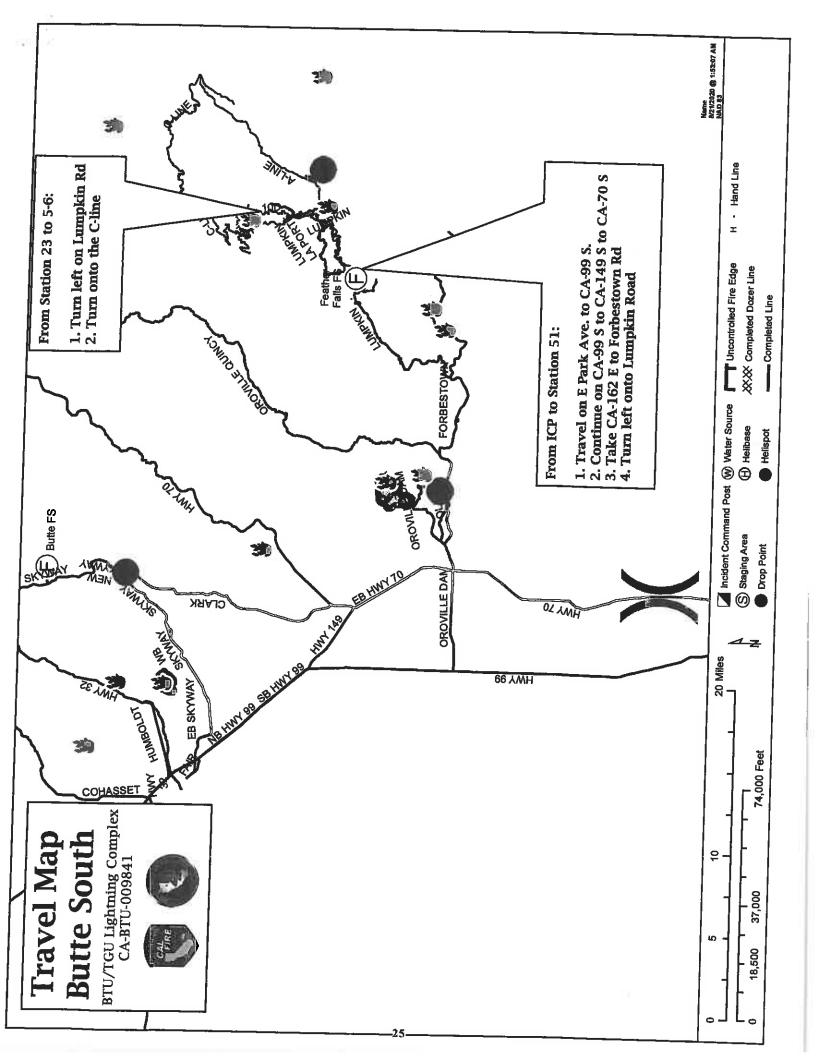
Training Specialist's

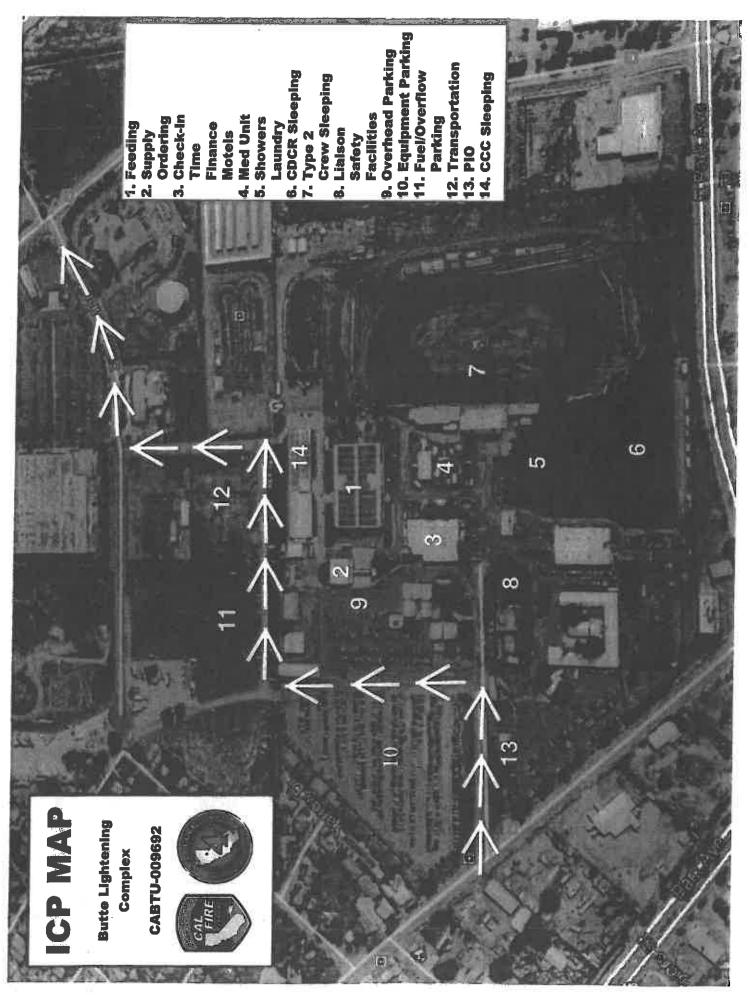
Dennis Martin
(707) 479-8421



Register using the QR Code



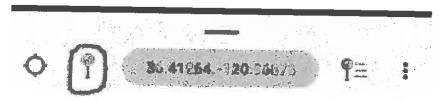




### **AVENZA MAP HOW TO QUICK GUIDE**

### Add a Placemark:

- 1. Pan to a position on the map centered by the crosshair (select exact location, not the road nearby)
- 2. Tap Add Placemark. A placemark is added with the default icon color, name (can be changed)



- 3. Name Placemark under Title.
- 4. Change symbol, if desired.
- 5. Click Submit.

### **Changing Placemark Details:**

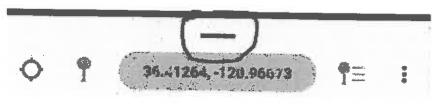
- 1. Tap the placemark on the map to display the label
- 2. Tap icon on the placemark label to see details about the placemark
- 3. On the placemark detail screen, you can change the placemark title, icon, enter a description, add photos, edit the location coordinate, and edit attribute schema.

### Moving a Placemark on a Map:

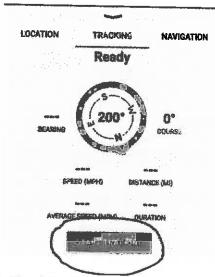
- 1. Tap and hold a placemark
- 2. Drag the placemark to another position and release

### **Recording a Track:**

1. Tap Tools and select Record GPS Tracks



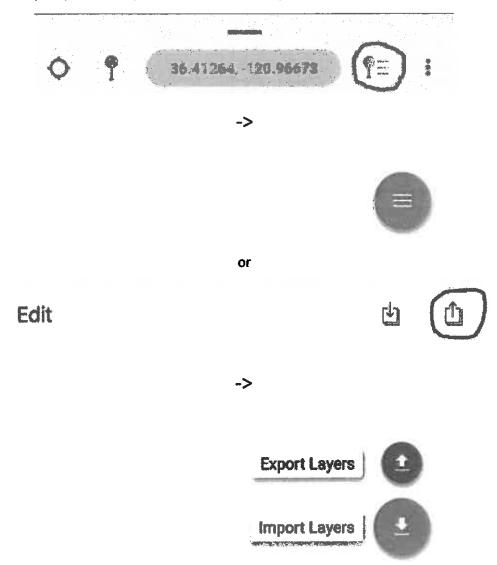
- 2. Select tracking (middle column).
- 3. Once a signal has been established ("Start" will be displayed for iOS, "Ready" will be displayed for Android), tap "Start" (iOS) or the Play icon (Android) to begin recording. Your tracks will continue recording, even if you minimize the app (set phone settings Avenza to always run GPS)



4. When you are done recording, tap 'Stop' (iOS) or "Done" (Android) and the track will be saved as a Map Feature.

### **Exporting Features:**

- 1. Tap Map Features
  - a. Android devices Tap on Menu, and select Export Map Features
  - b. iOS devices Tap Export (bottom right button with up arrow).
- 2. Choose the desired export settings (e.g., Export to Others)
- 3. Select Export (all features). The features will be exported to the desired location



Email the .kml files to CalFireIMT4GIS@gmail.com

	UI	NIT LOG (IC	S 214)				
1. Incident Name: BTU/TGU Light			rational Period:	Date From:		Date To: Time To:	8/22/20 0700
3. Unit Name/Designators			4. Unit Leader (				0700
5. Personnel Assigned/Designa	itors	<del>-</del>			<del></del>		
NAME		ICS	POSITION	T	HOME E	BASE	
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6. Activity Log (Continue on Revers	se)						
TIME		<del></del>	MAJOR EVI	ENTS			
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Prepared By:			ate/Time:				
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	UNIT LOG	CONT. (ICS 214)				
1. Incident Name:		2. Operational Period:	Date From: Time From:		Date To:	8/22/20 0700
BTU/TGU Lightning Co	этріех	<u> </u>	Time From:	0700	rime ro:	0700
TIME		MAJOR E	VENTS			
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7. Prepared By:		Date/Time:				MILLS - 5.70