

** CORRECTED **

INCIDENT ACTION PLAN

BTU LIGHTNING COMPLEX INCIDENT

CA-BTU-009692

MASTER IAP

Sunday



OPERATIONAL PERIOD

8/23/2020 0700

to

8/24/2020 0700



THE ADDRESS OF THE



INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: BTU Lightning Complex	2. Operational Period:	Date From: 8/23/2020	Date To: 8/24/2020
3. Objective(s):		Time From: 0700	Time To: 0700

Management Objectives

- Provide for and maintain public and first responder safety by utilizing the incident safety analysis process
- Ensure COVID-19 precautions and best practices are met at all times.
- Protect the commercial timberland, historical and cultural assets within the affected area, infrastructure, improvements, and watersheds
- All management actions and efforts will be focused on serving, safeguarding, and protecting the citizens of Butte, Glenn and Tehama Counties
- Ensure coordinated, timely and accurate release of public information
- Be financially responsible for all management and fire suppression tactics

Control Objectives

Butte Zone

Branch I

- Keep fire north of Powellton.
- Keep fire east of Hwy. 32.
- Keep fire south of Butte Meadows.
- Keep fire west of Bald Mtn.

Branch 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.

Tehama / Glenn Zone

- Keep fire north of Colusa County Line.
- Keep fire south of Shasta County Line.
- Keep fire west of Road 306/Lowery/Hess.

General Situational Awareness:

- Steep and rugged terrain, critically dry and receptive fuel beds, active area for fire history and drought stressed trees.
- In the COVID-19 environment, high density populations or large groups are particularly at risk. To help protect yourself, your family and to ensure all employees return home safely, make sure to practice social distancing.
- Enhanced hygiene (especially handwashing), PPE & monitoring practices help limit the infection rate of first responders.

5. Site Safety Plan Required?

Yes No

Approved Site Safety Plan(s) Located at:

6. Incident Action Plan

<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 215A
<input checked="" type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 205 A
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Training Message
<input checked="" type="checkbox"/> ICS 206	<input checked="" type="checkbox"/> Travel Map
<input checked="" type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> Demob Plan
<input checked="" type="checkbox"/> Fire Behavior	<input checked="" type="checkbox"/> Finance Message
	<input checked="" type="checkbox"/> County Health Message

7. Prepared By:

David Shy

Position/Title: PSC

Signature:

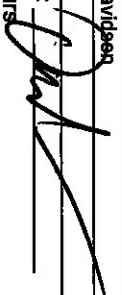
8. Approved by Incident Commander:

Dave Russell

Signature:

ICS 202

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: BTU Lightning Complex		2. Operational Period: Date From: 8/23/2020		Date To: 8/24/2020	
		Time From: 0700		Time To: 0700	
3. Incident Commanders(s) and Command Staff:			7. Operation Section:		
IC/UC's	Dave Russell	Operations		Shane Lauderdale (Day), Jeremi Roessler (T)	
Deputy	Darryl Lewis, Matt Chamblin	Deputy Operations		Smith (Tehama), Spolund (Butte), Brown (Glenn)	
Safety Officer	Doug Ferro, Brent Stangland	Night Ops			
Information Officer	Steve Kaufmann, Chis Harvey (T)	Staging Area			
Liaison Officer	Dave Pender, Ron Karlen (T)				
	LELO	Josh Allen, LT, Anthony Bertain			
4. Agency/Organization Representatives:			8. Finance/Administration Section:		
Agency/Organization	Name	Division/Group	Branch	AA	Tim Cossone
CAL OES	Pat Titus	Division/Group	WWV		Dave Main
Butte Co Sheriff	Korey Honea	Division/Group			
Glenn Co Sheriff	Richard Warren	Division/Group			
Shasta Co Sheriff	Eric Magrini	Division/Group			
Tehama Co Sheriff	Dave Hencrait	Division/Group			
California State Parks	Aaron Wright	Division/Group			
CDCR	Ben Ingwerson	Branch		V	
CAL Trans	Chis Boone	Division/Group	FF		Jason Finney
Butte Co OES	Cindy Durnsmoor	Division/Group	HH		
Tehama Co OES	Andy Houghtby	Division/Group	PP		Clelan J. Clelland
Glenn Co OES	Amy Travis	Division/Group	SS		Jeff Edson
Shasta Co OES	Rob Sandbloom	Division/Group			
BLM	Jeremy Strait	Division/Group			
		Division/Group	Branch	X	Randy Ford
		Division/Group		GG	
5. Planning Section:					
Chief	Chris Burch	Division/Group			
Deputy	David Shy	Division/Group			
	Gwynndolyn Ozard, Coby Dyche, Brian Torosian (T), Nochiella Funes	Division/Group			
Resource Unit	(T), Travis Rye (T)	Division/Group			
Situation Unit	Denny O'Neil, Ed Turnbleson	Division/Group			
Documentation Unit	Allison Lang	Division/Group			
Demobilization Unit	Chris Lynch	Division/Group			
	GISS	Division/Group			
	Daniel Dresselhaus	Division/Group			
	FBAN	Division/Group			
	Jonathan Pangburn	Division/Group			
	IMET	Division/Group			
	Jim Wallman	Division/Group			
Training Tech. Spec	Dennis Martin	Air Operations Branch			Director: Greg Bradshaw
Crew Tech. Spec		Air Support Group Supervisor			
Hired Equip Tech Spec	Tim Bingham	Air Tactical Group Supervisor			
6. Logistics Section:			Helibase Manager		
Chief	Matt Reich				Ray Gomez
Deputy	Mathew Brandt	Chief			Mara Zaver
Supply Unit	Shawn Burns	Deputy			Rob Jenkins
Facilities Unit	Travis Heard, Jason Wilson (T)	Time Unit			Greg Tunzi
Ground Support Unit	Conor Stapleton	Procurement Unit			Courtney Arehalo
Communications Unit	Mike Heyfron	Comp/Claims Unit			Joe Flagg
Medical Unit	Steve McGary, Leif Julissen (T)	Cost Unit			Angela Davidson
Medical Specialist	Dawn Muscietto				
Prepared By: Name: David Shy		Position/Title: PSC		Signature: 	
ICS 203		Date/Time: 8/22/2020 2300 hours		NIMS IAP	

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: <https://www.nwcg.gov/coronavirus>.

NFES 002646 (06/2020)



Fire Weather Forecast – Butte-Tehama-Glenn Lightning 2020



FORECAST NO: 4
PREDICTION FOR: Sunday-Sunday night
SHIFT DATE: 08/23-24/2020 0700-0700
TIME AND DATE
FORECAST ISSUED: 08/22/2020 2000

ZONE: Butte
SHIFT SIGNED:

UNIT: CA-BTU

Jim Wallmann
Incident Meteorologist

*****RED FLAG WARNING FOR THUNDERSTORMS THROUGH BEGINNING 11 PM TONIGHT*****

DISCUSSION: Less smoke is expected today, but clouds will gradually start to increase during the afternoon. At this time, it appears the threat of thunderstorms is small during the day, but increases during the evening with the best chance after midnight tonight. The chance of thunderstorms will continue into Tuesday morning. Gusty outflow winds over 40 mph possible with any storms. Temperatures will be a little warmer, with a drop in RH today followed by poor recovery tonight.

WEATHER FORECAST (TODAY)

WEATHER: Sunny with some smoke in the morning becoming partly cloudy in the afternoon.

MAX TEMP: 1500 feet: 94-98 4000 feet: 87-92 **LAL:** 1

MIN RH: 12-17% all elevations **CHC WTG RAIN:** 0%

WIND: 1500 feet: East 3-6 mph becoming south to southwest 6-10 mph with gusts to 18 mph by 1200.
(20 FOOT) 4000 feet/Canyons: Becoming south to southwest 8 to 13 mph with gusts to 22 mph by 1200.

MIXING HEIGHT: 500 feet rising to 5000 feet around 1300.

TRANSPORT WIND: Becoming southwest around 15 mph.

VISIBILITY: 2-4 miles increasing to 6-10 miles by 1200.

FORECAST (TONIGHT):

WEATHER: Mostly cloudy with 15% chance of thunderstorms. Best chance after 0200.

MIN TEMP: 1500 feet: 74-78 4000 feet: 67-70 **LAL:** 2

MAX RH: 1500 feet: 24-28% 4000 feet: 27-34% **CHC WTG RAIN:** 5%

WIND: 1500 feet: Southwest 3-8 mph becoming downslope/northeast 3-6 mph by 2300.
(20 FOOT) 4000 feet/Canyons: Southwest 6-12 mph becoming downslope/northeast 3-6 mph by 2300.

MIXING HEIGHT: Falling to 800 feet by midnight

TRANSPORT WIND: Southwest to 10 mph then northeast to 5 mph after 2300.

OUTLOOK (MONDAY/MONDAY NIGHT): Mostly cloudy with a 20% chance of thunderstorm. Highs 89-94 and lows 65-72. Min RH 16-22% and Max RH 34-41%. Winds southwest 9-14 mph with gusts to 24 mph in the late morning and afternoon and downslope 3-6 mph from evening until morning.

OBSERVATIONS SATURDAY (8/22/2020 – Winds are afternoon conditions):

Cohasset (1730 ft): **MAX TEMP:** 94. **MIN RH:** 22%. Winds SW 5-8 mph with gusts to 14 mph.

IRAWS 27 China Peak (3433 ft): **MAX TEMP:** 92. **MIN RH:** 18%. Winds S to W 3-6 mph with gusts to 12 mph.

IRAWS 22 Butte Meadows (4358 ft): **MAX TEMP:** 88. **MIN RH:** 20%. Winds SSW 4-6 mph gusts 14 mph.



← SubmitWx/Fire Observations

Nearby RAWs Observations →



Fire Weather Forecast – Butte-Tehama-Glenn Lightning 2020



FORECAST NO: 4
PREDICTION FOR: Sunday-Sunday night
SHIFT DATE: 08/23-24/2020 0700-0700
TIME AND DATE
FORECAST ISSUED: 08/22/2020 2000

ZONE: Glenn
SHIFT SIGNED:
UNIT: CA-TGU
Jim Walkmann
Incident Meteorologist

*****RED FLAG WARNING FOR THUNDERSTORMS BEGINNING 11 PM TONIGHT*****

DISCUSSION: Smoke will continue over the fires, but with a south wind, the southern part of the zone will see some clearing in the afternoon. The main threat the next 24 hours will be thunderstorms, but the threat will not begin until tonight. Gusty outflow winds over 40 mph will be possible near any thunderstorms. Winds will be more south today and a bit stronger than the past couple days. Temperatures will also be warmer with RH lower today along with poor RH recovery tonight.

WEATHER FORECAST (TODAY)

WEATHER: Sunny with smoke with clouds increasing in the afternoon.
MAX TEMP: 1000 feet: 87-92 3000 feet: 83-87 **LAL:** 1
MIN RH: 10-16% all elevations **CHC WTG RAIN:** 0%
WIND: Becoming southeast 4-8 mph by 1100, then south to southwest 6-12 mph with gusts to 22 mph by 1500.
(20 FOOT)
MIXING HEIGHT: 500 feet rising to 4000 feet around 1400.
TRANSPORT WIND: Southeast around 5 mph then south to southeast 10-15 mph after 1500.
VISIBILITY: 1-3 miles.

FORECAST (TONIGHT):

WEATHER: Partly cloudy with a 10% chance of thunderstorms. Best chance after 0200.
MIN TEMP: 1000 feet: 73-77 **LAL:** 2
3000 feet: 66-70 **CHC WTG RAIN:** 2%
MAX RH: 1000 feet: 24-29%
3000 feet: 26-32%
WIND: South to 5 mph early then west 3-7 mph with gusts to 10 mph after 2100.
(20 FOOT)
MIXING HEIGHT: Falling to 200 feet by 2100.
TRANSPORT WIND: West to 5 mph.

OUTLOOK (MONDAY/MONDAY NIGHT): Partly cloudy with a 15% chance of thunderstorms. Highs 84-90 and lows 64-70. Min RH 18-22% and Max RH 34-41%. Winds becoming south to southwest 8-14 mph with gusts to 22 in the morning then west 5-10 mph with gusts to 16 mph in the evening. Gusts over 40 mph possible near any thunderstorms.

OBSERVATIONS SATURDAY (8/22/2020 – Winds are afternoon conditions):

Eagle Peak (3713 ft): MAX TEMP: 79. MIN RH: 30%. Winds SSW 4 to 8 mph with gusts to 15 mph.
Thomas Creek (1029 ft): MAX TEMP: 91. MIN RH: 24%. Winds W 1 to 3 mph with gusts to 6 mph.



← SubmitWx/Fire Observations

Nearby RAWs Observations →



Fire Weather Forecast – Butte-Tehama-Glenn Lightning 2020



FORECAST NO: 4
PREDICTION FOR: Sunday-Sunday night.
SHIFT DATE: 08/23-24/2020 0700-0700
TIME AND DATE
FORECAST ISSUED: 08/22/2020 2000

ZONE: Tehama
SHIFT SIGNED:

UNIT: CA-TGU

Jim Wallmann
Incident Meteorologist

*****RED FLAG WARNING FOR THUNDERSTORMS BEGINNING 11 PM TONIGHT*****

DISCUSSION: Smoke will continue over the fires, but the Elkhorn fire will likely have a little more clear air. The thunderstorm threat is very small today, but increases late tonight. Gusty outflow winds to 50 mph along with new fire starts are the main concerns. Outside thunderstorms, winds will be more from the south today as low pressure approaches the coast with a bit stronger downslope in the evening. Temperatures will be warmer with lower RH along with poor recovery tonight.

WEATHER FORECAST (TODAY)

WEATHER: Smoky in the morning with a few clouds in the afternoon.

MAX TEMP: 1000 feet: 89-93 3000 feet: 84-88

LAL: 1

MIN RH: 11-17% all elevations

CHC WTG RAIN: 0%

WIND: West 4-8 mph becoming southeast 4-8 mph by 1100, then south 8-14 mph with gusts to 22 mph
(20 FOOT) after 1500.

MIXING HEIGHT: 500 feet rising to 3000 feet around 1400.

TRANSPORT WIND: Becoming southeast 5-10 mph by 1100 then south 10-15 mph after 1400.

VISIBILITY: 1-3 miles increasing to 3-5 miles in the afternoon.

FORECAST (TONIGHT):

WEATHER: Partly cloudy and smoky. A 10% chance of thunderstorms, the best chance after 0200.

MIN TEMP: 1000 feet: 73-77 3000 feet: 66-70

LAL: 2

MAX RH: 1000 feet: 29-35% 3000 feet: 33-40%

CHC WTG RAIN: 2%

WIND: West to northwest 4-8 mph with gusts to 15 mph. Gusty outflow winds over 40 mph possible near
(20 FOOT) thunderstorms.

MIXING HEIGHT: Falling to 200 feet by 2100.

TRANSPORT WIND: West 5-10 mph.

OUTLOOK (MONDAY/MONDAY NIGHT): Mostly cloudy with 15% chance of thunderstorms with highs 83-90 and lows 65-72. Min RH 17-23% and Max RH 32-38%. Wfnds becoming south to southeast 8-14 mph with gusts to 22 mph then west 3-8 mph with gusts to 14 mph in the evening. Gusty outflow winds over 40 mph possible near thunderstorms.

OBSERVATIONS SATURDAY (8/22/2020 – Winds are afternoon conditions):

Arbuckle Basin (3713 ft): MAX TEMP: 83. MIN RH: 10%. Winds NNW 4 to 6 mph with gusts to 11 mph.
Pattmocus (1029 ft): MAX TEMP: 87. MIN RH: 9%. Wfnds S 3 to 5 mph with gusts to 9 mph.




[SubmitWx/Fire Observations](#)



[Nearby RAWs Observations →](#)

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 5	TYPE OF FIRE: Wildland Fire
FIRE NAME: BTU/TGU Lightning Complex	OPERATIONAL PERIOD: 24hr 8/23 (0700-0700)
DATE ISSUED: 8/22/2020	TIME ISSUED: 1900
UNIT: BTU	SIGNED: Jonathan Pangburn, FBAN 

INPUTS

WEATHER SUMMARY **RED FLAG WARNING FOR THUNDERSTORMS & OUTFLOW WINDS**
 See Weather Forecast in IAP.

OUTPUTS

BUTE ZONE

GENERAL:
 1,000-hr dead fuel moisture at 90th percentile. Severe Drought conditions. Moderate growth and short-range spotting with slope/wind alignment. 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 Flame Length	Max Rate of Spread	Spotting	Probability of Ignition
Grass	< 7' (2 m)	55 ch/hr (1 km/hr)	< 1/3 mile (4 km)	90% (with clear sky)
Grass/Shrub/Mix	< 8' (2 m)	35 ch/hr (0.7 km/hr)	< 1/3 mile (4 km)	90% (with clear sky)
Shrub	< 7' (2 m)	20 ch/hr (0.4 km/hr)	< 1/3 mile (4 km)	90% (with clear sky)
Timber Understory	< 10' (3 m)	20 ch/hr (0.4 km/hr)	< 1/3 mile (4 km)	90% (with clear sky)
Timber/Litter	< 5' (1.5 m)	10 ch/hr (0.2 km/hr)	< 1/3 mile (4 km)	90% (with clear sky)

****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:

Butte Creek & Big Chico Creek drainages will see wind channeling.

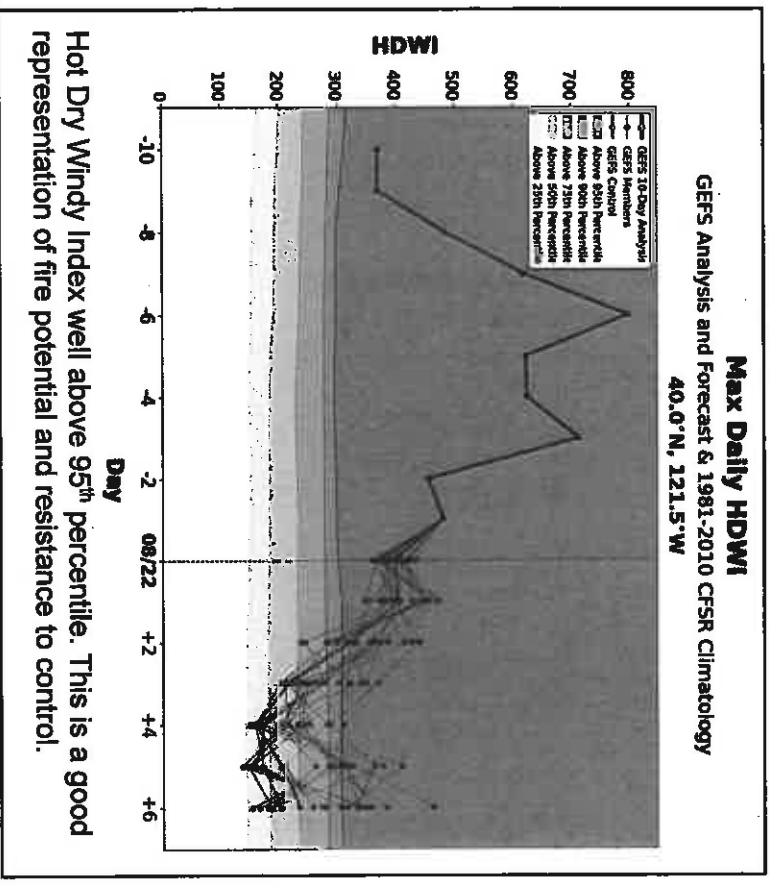
Single tree torching is possible, especially with wind gusts.

Expect swirling and eddying in creek drainages.

Potential for smoldering areas to pick up activity with high temp, low RH, and increased wind.

New starts will see rapid growth and establishment.

Unstable air will promote rapid fire growth and potential for plume dominated fire behavior.



Hot Dry Windy Index well above 95th percentile. This is a good representation of fire potential and resistance to control.

AIR OPERATIONS:

Mostly clear skies with afternoon & evening erratic winds, with potential for thunder cell downdrafts. Mixing height: 5,000 ft. AGL where clear. Transport winds: SW 15 mph, Sunrise 0626, Sunset 1952.

SAFETY

Downdrafts and outflow winds can create erratic and extreme fire behavior. Watch for thunder cell collapse, a sudden reversal in wind direction, a noticeable rise in wind speed, or a sharp drop in temperature.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 5	TYPE OF FIRE: Wildland Fire
FIRE NAME: BTU/TGU Lightning Complex	OPERATIONAL PERIOD: 24hr 8/23 (0700-0700)
DATE ISSUED: 8/22/2020	TIME ISSUED: 1900
UNIT: TGU	SIGNED: Jonathan Pangburn, EBAN

INPUTS

WEATHER SUMMARY ****FIRE WEATHER WATCH FOR RH, LIGHTNING****
 See Weather Forecast in IAP.

OUTPUTS

GLENN ZONE

GENERAL:
 1,000-hr dead fuel moisture at 97th percentile. Severe Drought conditions. South winds run against normal diurnal downslope winds, creating swirling eddies, with alignment in N-S drainages to the south. Brush highly receptive to burning with fuel dominated fire. Fire behavior increasing with less smoke, with potential for rapid rates of spread.

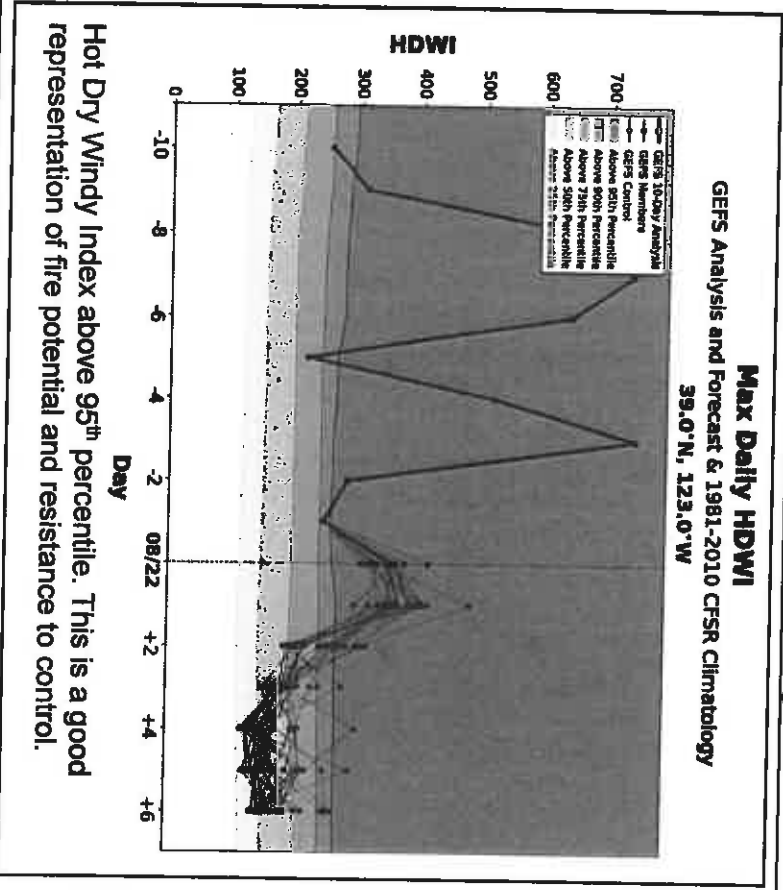
In the absence of weather conditions outside the forecast or extreme fire behavior conditions expect:

	Max. Flame Length	Max. Rate of Spread	Spotting	Probability of Ignition
Grass	< 7' (2.1 m)	70 ch/hr (1.4 km/hr)	< 1/2 mile (.8 km)	90% (with clear sky)
Grass/Shrub Mix	< 8' (2.4 m)	65 ch/hr (1.3 km/hr)	< 1/2 mile (.8 km)	90% (with clear sky)
Shrub	< 22' (6.7 m)	65 ch/hr (1.3 km/hr)	< 1/2 mile (.8 km)	90% (with clear sky)
Timber Understorey	< 12' (3.6 m)	10 ch/hr (0.2 km/hr)	< 1/2 mile (.8 km)	90% (with clear sky)
Timber Litter	< 7' (2.1 m)	10 ch/hr (0.2 km/hr)	< 1/2 mile (.8 km)	90% (with clear sky)

****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:

- Creek drainages will see wind channeling and up canyon runs.
- Expect swirling and eddying in creek drainages.
- Fires have potential for upslope runs in brush and fuel dominated fire.
- Expect fire spread in all directions, with spotting around 1/2-mile.
- New starts will see rapid growth and establishment.
- Unstable air will promote rapid fire growth and potential for plume dominated fire behavior.



AIR OPERATIONS:

Mostly clear skies with afternoon & evening erratic winds, with potential for thunder cell downdrafts. Mixing height: 4,000 ft. AGL where clear. Transport winds: S/SE 10-15 mph, Sunrise 0630, Sunset 1956.

SAFETY

Downdrafts and outflow winds can create erratic and extreme fire behavior. Watch for thunder cell collapse, a sudden reversal in wind direction, a noticeable rise in wind speed, or a sharp drop in temperature.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 5	TYPE OF FIRE: Wildland Fire
FIRE NAME: BTUTGU Lightning Complex	OPERATIONAL PERIOD: 24hr 8/23 (0700-0700)
DATE ISSUED: 8/22/2020	TIME ISSUED: 1900
UNIT: TGU	SIGNED: Jonathan Pangburn, FBAN <i>Jonathan Pangburn</i>

INPUTS

WEATHER SUMMARY ****RED FLAG WARNING FOR THUNDERSTORMS & OUTFLOW WINDS****
See Weather Forecast in IAP.

OUTPUTS

GENERAL: **TEHAMA ZONE**

1,000-hr dead fuel moisture at 97th percentile. Severe Drought conditions. South winds run against normal diurnal downslope winds, creating swirling eddies. Brush highly receptive to burning with fuel dominated fire. Fire behavior increasing with less smoke, with potential for rapid rates of spread.

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

Fuel	Max. Flame Length ⁰	Max. Rate of Spread	Spotting	Probability of Ignition
Grass	< 7' (2 m)	40 c/hr (0.8 km/hr)	< 1/3 mile (.4 km)	90% (with clear sky)
Grass/Shrub Mix	< 8' (2 m)	30 c/hr (0.6 km/hr)	< 1/3 mile (.4 km)	90% (with clear sky)
Shrub	< 20' (6 m)	45 c/hr (0.9 km/hr)	< 1/3 mile (.4 km)	90% (with clear sky)
Timber Understory	< 10' (3 m)	15 c/hr (0.3 km/hr)	< 1/3 mile (.4 km)	90% (with clear sky)
Timber Litter	< 5' (1.6 m)	< 10 c/hr (0.2 km/hr)	< 1/3 mile (.4 km)	90% (with clear sky)

****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:

Creek drainages will see wind channeling and up canyon runs.

Expect swirling and eddying in creek drainages. Elkhorn may make isolated upslope runs when in alignment.

DIV A / X: Fire behavior moderated under smoke cover, with creeping in timber understory, flame lengths ~5'.

DIV C / N: Minimal fire behavior observed, with potential for rekindle.

DIV Q / T / V: Moderate rates of spread, flame lengths 10-15' in brush.

New starts will see rapid growth and establishment.

Unstable air will promote rapid fire growth and potential for plume dominated fire behavior.

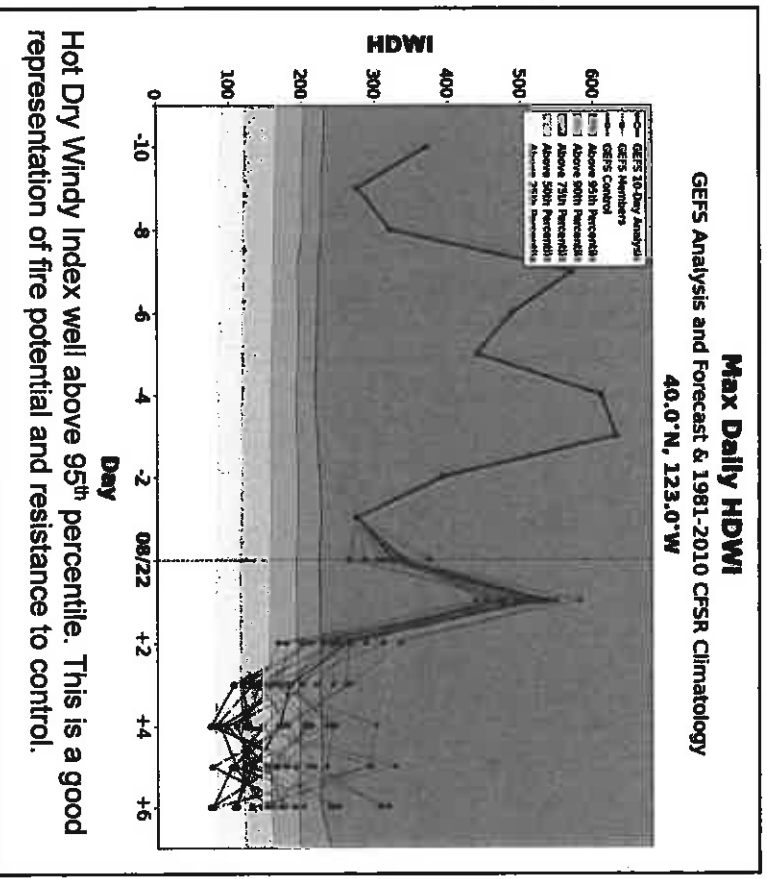
AIR OPERATIONS:

Mostly clear skies with afternoon & evening erratic winds, with potential for thunder cell downdrafts.

Mixing height: 3,000 ft. AGL where clear, Transport winds: S 10-15 mph, Sunrise 0626, Sunset 1952.

SAFETY

Downdrafts and outflow winds can create erratic and extreme fire behavior. Watch for thunder cell collapse, a sudden reversal in wind direction, a noticeable rise in wind speed, or a sharp drop in temperature.



ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/23/20 Date To: 08/24/20 Time From: 0700 Time To: 0700	3. Branch Division I AA
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4. Operations Personnel: Page 1 of 2 Alpha-Alpha

Operations Section Chief: Shane Lauderdale (Day), Jeremi Roester (T)	Deputy Ops: Garrett Stjlund (Butte Zone)
Branch Director: Jason Dyer	Branch Safety:
Division/Group Supervisor: Tim Cassone	Air Attack:

5. Resources Assigned:	** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
ENG3 BTC 321					E-107-8TU LIGHT	0700-1900	Carpenter Ridge
STL+						0700-0700	Carpenter Ridge
DOZ PVT E-5 - DIAMOND			CRAIG		E-5-8TU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-6 - GREG HUMPHERY					E-6-8TU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-8 - MCGOWEN			MCGOWEN		E-8-8TU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-11- TRG				2	E-11-8TU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-12- ACT FAST					E-12-POTTERS	0700-0700	Carpenter Ridge
DOZ PVT E-26 - ACT FAST					E-26-8TU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-27 - BRAUN				2	E-27-8TU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-29 - ERIC SPRATT			SPRATT, ERIK	2	E-29-8TU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-30 - MELANIE			MOORE, SONNY JR	2	E-30-8TU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-31 - SONNY			MOORE, SONNY	2	E-31-8TU LIGHT	0700-0700	Carpenter Ridge
DOZ+						0700-0700	Carpenter Ridge
W/T PVT E-32 HOLMES			NEWLAND, H	2		0700-1900	Carpenter Ridge
MAST+						0700-0700	Carpenter Ridge
MAST+						0700-0700	Carpenter Ridge
MAST+						0700-0700	Carpenter Ridge

6. Work Assignments:
Construct Indirect Line to Thatcher Ridge. Identify all fires with GPS location, fire size, handline needs, and percentage of containment. Mop up 100'. Cut and Improve Hand and Dozer Line where needed. Backhaul trash.
ALL resources monitor BTU local.

*** BUTTE CMD CHANNELS NO LONGER AVAILABLE ***
Use CDF CMD 1 with appropriate Tx Tone for your location within BUTTE ZONE for correct repeater (see 205)

7. Special Instructions:
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.
You're responsible for your own lookout, identify one and make it known.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C-1 T3	1	COMMAND	151.3550	103.5 (T8)	159.3000	131.8 (T3)	BLOOMER
CDF T24	7	TACTICAL	151.3325	192.8 (T16)	151.3325	192.8 (T16)	BRANCH Ix
CDF T18	14	AIR TO GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	*** AIR TO GROUND ***
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwyndolyn Ozard RESL

ICS 204 Date/Time: 8/22/2020 2200 Signature: *Gwyndolyn Ozard* Personnel Count: 12

CONTROLLED UNCLASSIFIED INFORMATION/BASIC

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name:	2. Operational Period:	3. Branch	Division
BTU Lightning Complex	Date From: 08/23/20 Date To: 08/24/20 Time From: 0700 Time To: 0700	1	AA
		Page 2 of 2 Alpha-Alpha	

4. Operations Personnel:		Deputy Ops:	Garrett Sjolund (Butte Zone)
Operations Section Chief:	Shane Lauderdale (Day), Jeremi Roesler (T)	Branch Safety:	
Branch Director:	Jason Dyer	Air Attack:	
Division/Group Supervisor:	Tim Cossone		

5. Resources Assigned:	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
*** Resources Below in Bold are 12 Hour ***							
Resource Identifier							
MAST+						0700-0700	Carpenter Ridge
MAST+						0700-0700	Carpenter Ridge
MAST+						0700-0700	Carpenter Ridge
HEQB+						0700-0700	Carpenter Ridge
HEQB+			<i>Collins Ops</i>	1		0700-0700	Carpenter Ridge
HEQB+			<i>Collins</i>	1		0700-0700	Carpenter Ridge
HEQB+			<i>Collins</i>	1		0700-0700	Carpenter Ridge
HEQB+			<i>Simms</i>	1		0700-0700	Carpenter Ridge
HEQB+						0700-0700	Carpenter Ridge
SOFR+						0700-0700	Carpenter Ridge
FEMP+						0700-0700	Carpenter Ridge
FEMP+						0700-0700	Carpenter Ridge
ENG6 BTU 2149 (EISENBERG)			<i>Collins, BRYANT</i>	3		0700-0700	Carpenter Ridge

6. Work Assignments:
Construct Indirect Line to Thatcher Ridge. Identify all fires with GPS location, fire size, handline needs, and percentage of containment. Mop up 100'. Cut and Improve Hand and Dozer Line where needed. Backhaul trash.
ALL resources monitor BTU local.
***** BUTTE CMD CHANNELS NO LONGER AVAILABLE*****
Use CDF CMD 1 with appropriate Tx Tone for your location within BUTTE ZONE-for correct repeater (see 205)

7. Special Instructions:
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.
You're responsible for your own lookout, identify one and make it known.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1 T3	1	COMMAND	151.3550	103.5 (T8)	159.3000	131.8 (T3)	BLOOMER
CDF T24	7	TACTICAL	151.3325	192.8 (T16)	151.3325	192.8 (T16)	BRANCH IJK
CDF T18	14	AIR TO GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	*** AIR TO GROUND ***
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwynndlyn Ozard RESL
Signature: *Gwynndlyn Ozard*
ICS 204 Date/Time: 8/22/2020 2200 Personnel Count: 0

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name:	BTU Lightning Complex			2. Operational Period:	Date From: 08/23/20	Date To: 08/24/20	3. Branch	Division
				Time From: 0700	Time To: 0700		1	WW

4. Operations Personnel: Page 1 of 1 **Whiskey-Whiskey**

Operations Section Chief: **Shane Lauderdale (Day), Jereml Roesler (T)** Deputy Ops: **Garrett Sjolund (Butte Zone)**
 Branch Director: **Jason Dyer** Branch Safety: _____
 Division/Group Supervisor: **Dave Main** Air Attack: _____

5. Resources Assigned:	** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
ENG2 ORO 1			HARPER, J	3	E-22-POTTERS	0700-1900	CAL FIRE STN. 23
ENG BTC 342			ANDERSON, T	4		0700-1900	CAL FIRE STN. 23
ENG3 CHI 15			MAIN, D	3	E-102-BTU LIGHT	0700-1900	CAL FIRE STN. 23
ENG6 BTC 610			NORMAN, J	2	E-125-BTU LIGHT	0700-1900	CAL FIRE STN. 23
ENG BTC 637			ELLIS, N	3		0700-1900	CAL FIRE STN. 23
ENG6 BTU 672			SUSCHNICK, JUSTIN	2	E-180	0700-1900	CAL FIRE STN. 23
ENG6+						0700-0700	CAL FIRE STN. 23
W/T1 BTC 25			CHURCHILL, B	1	E-125-BTU LIGHT	0700-1900	CAL FIRE STN. 23
W/T+ DES 61 E-1020			Request W/EF640 Repeater W/RT2	2	E-1020	0700-0700	CAL FIRE STN. 23
W/T+						0700-0700	CAL FIRE STN. 23
FALM+						0700-1900	CAL FIRE STN. 23
W/T+							

6. Work Assignments:
 Hold and Improve Control Lines to mitigate threat of fire escaping. Patrol all Fires.
 Back Haul Excess Trash/Hose/Water to CAL FIRE STN. 23.
 Identify all fires by GPS location, fire size, handline needs, and percentage of containment.
 ALL resources monitor BTU local.

*** BUTTE CMD CHANNELS NO LONGER AVAILABLE***
 Use CDF CMD 1 with appropriate Tx Tone for your location within BUTTE ZONE for correct repeater (see 205)

7. Special Instructions:
 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.
 You're responsible for your own lookout, identify one and make it known.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1 T3	1	COMMAND	151.3550	103.5 (T8)	159.3000	131.8 (T3)	BLOOMER
CDF T29	8	TACTICAL	151.3475	192.8 (T16)	151.3475	192.8 (T16)	BRANCH 1
CDF T18	14	AIR TO GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	*** AIR TO GROUND ***
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: **Gwynndolyn Ozard** RESL
 Signature: *Gwynndolyn Ozard*
 ICS 204 Personnel Count: 18
 Date/Time: 8/22/2020 2200

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/23/20 Date To: 08/24/20 Time From: 0700 Time To: 0700	3. Branch Division V FF
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4. Operations Personnel: Page 1 of 1 Foxtrot-Foxtrot

Operations Section Chief: Shane Lauderdale (Day), Jeremi Roseler (T)	Deputy Ops: Garrett Stjolund (Butte Zone)
Branch Director: _____	Branch Safety: _____
Division/Group Supervisor: Jason Finney	Air Attack: _____

5. Resources Assigned:	*** Resources Below in Bold are 12 Hour ***			Request #	Hours	Reporting Location	
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
STC XSU 3225C			EPERSON, RICHARD	19 +/-	E-1-BTU LIGHT	0700-1900	Inskip
*ENG3 BTC 333 -> DIV PP			DANIELS, WESLEY	4		0700-1900	Inskip
ENG3 BTC 382			COMMINGS	4	E-10E-BTU LIGHT	0700-1900	Inskip
STG TGU 9254G R & R			JORGENSEN, DYLAN	33 +/-	C-1-BTU LIGHT	0700-1900	Inskip
W/T1 OES WT-31					E-12E-BTU LIGHT	0700-1900	Inskip
W/T PVT E-13-PRODUMP				2	E-13POTTERS	0700-0700	Inskip
W/T PVT E-14 - GARR					E-14POTTERS	0700-0700	Inskip
W/T1 PVT E-25 - CONVERSE					E-25-BTU LIGHT	0700-0700	Inskip
STC 824 9261C FM DW PP			CUMMINGHAM, KENT	19	E-1 Potters	0700-1900 (19SKN)	
STG B2 KM 92406				33	C-1 POTTERS	0700-1900	
HE06 URQUITTA FM NUSS			URQUITTA, FELIX	1	O-4027	0700-1900	
DO2 PVT BOTTLE E:141			SIMS	2	E-141	0700-0700 FM DIV55	
DO2 PVT E-7 KNE SOL				2	E-7	0700-0700 FM DIV55	
DO2 PVT E-28 CORROW WOOD				2	E-28	0700-0700 FM DIV55	
FEMP MORETHINI			MORETHINI, GABE	1	O-4045	0700-0700	
FEMP (T) BOULWARE			BOULWARE, BEJAM	1	O-4044	0700-0700	

6. Work Assignments:

Hold Fire within established Control Lines. Conduct Direct Fire Attack. Back Haul Excess Trash/Hose/Water to STN 13 or any DP.

ALL resources monitor BTU local.
*Resources with * identified to be available for BTU IA Response.

*** BUTTE CMD CHANNELS NO LONGER AVAILABLE***
Use CDF CMD 1 with appropriate Tx Tone for your location within BUTTE ZONE for correct repeater (see 205)

7. Special Instructions:

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.
You're responsible for your own lookout, identify one and make it known.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1 T3	1	COMMAND	151.3550	103.5 (T8)	159.3000	131.8 (T3)	BLOOMER
CDF T30	9	TACTICAL	151.3925	192.8 (T16)	151.3925	192.8 (T16)	BRANCH V
CDF T18	14	AIR TO GROUND	156.3450	192.8 (T16)	159.3450	192.8 (T16)	*** AIR TO GROUND ***
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name:

Gwyndolyn Ozard RESL Signature: *Gwyndolyn Ozard* Personnel Count: 62

ICS 204 Date/Time: 8/22/2020 2200 CONTROLLED UNCLASSIFIED INFORMATION/BASIC

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/23/20 Date To: 08/24/20 Time From: 0700 Time To: 0700	3. Branch Division V PP
4. Operations Personnel: Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T) Deputy Ops: Garrett Sjolund (Butte Zone)		Page 1 of 1 Papa-Papa

Branch Director: O. Clellan J. Clellan	Branch Safety: _____
Division/Group Supervisor: J. Clellan	Air Attack: _____

5. Resources Assigned:	** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
**STC SKU 9261C → DIV FP			CUNNINGHAM, KENT	19	E-7-POTTERS	0700-1900	Inskip
LNF T/F 1			COSTA, L	4	E-119-BTU LIGHT	0700-1900	Inskip
*ENG3 BTU 2182			MADSON, JOE	33	C-5-BTU LIGHT	0700-0700	Inskip
STG LMU 9225H					E-129-BTU LIGHT	0700-0700	Inskip
W/T1 EMD 3			JOHNSON, RAY	2	E-124-BTU LIGHT	0700-1900	Inskip
W/T1 BTC 42					E-17-POTTERS	0700-0700	Inskip
W/T1 PVT E-17 - FORD			MATNEY		O-35-BTU LIGHT	0700-1900	Inskip
FALM Matney			DANIELS WISLEY	4	E-106 BTU	0700-1900	Inskip
* ENG3 BTC 333 *			CLELAND	4	E-109 BRUKE	0700 - 1900	"
ENG3 BTU 2170 RFR							
WTPUT E-19 BLAKE			HOG ETTIWI GABE	1	O-4045	0700-0700	
FEARD MORETTINI → DIVE			BOUWME, BEAAN	1	O-4044	0700 - 0700	
EMWRT) BOUWME → DIVE							


6. Work Assignments:
Hold Fire within established Control Lines.
Identify all fires by GPS location, fire size, handline needs, and percentage of containment.
ALL resources monitor BTU local.

*Resources with * identified to be available for BTU IA Response. ** Resources with ** identified to be available for Region IA Response.
*** BUTTE CMD CHANNELS NO LONGER AVAILABLE***
Use CDF CMD 1 with appropriate Tx Tone for your location within BUTTE ZONE-for correct repeater (see 206)

7. Special Instructions:
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.
You're responsible for your own lookout, identify one and make it known.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1 T3	1	COMMAND	151.3550	103.5 (T8)	159.3000	131.8 (T3)	BLOOMER
CDF T32	10	TACTICAL	151.2425	192.8 (T16)	151.2425	192.8 (T16)	BRANCH V
CDF T18	14	AIR TO GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	*** AIR TO GROUND ***
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwynndolyn Ozard RESL
Signature:  Personnel Code: 58

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/23/20 Date To: 08/24/20 Time From: 0700 Time To: 0700	3. Branch Division V SS
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Page 1 of 2 Sierra-Sierra

4. Operations Personnel: Operations Section Chief: Shane Lauderdale (Day), Jeremi Roessler (T) Branch Director: Jeff Edson	Deputy Ops: Garrett Stotland (Butte Zone) Branch Safety: _____ Division/Group Supervisor: Jeff Edson Air Attack: _____
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5. Resources Assigned:	** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
*ENG3 BTU 2163			BOYTON, J	4	E-112-BTU LIGHT	0700-1900	Inskip
ENG3 BTU 2166				4	E-110-BTU LIGHT	0700-1900	Inskip
ENG3 BTU 2167					E-108-BTU LIGHT	0700-1900	Inskip
ENG3 BTU 2168			HAWKINS, J	4		0700-0700	Inskip
ENG3 BTU 2181					E-114-BTU LIGHT	0700-1900	Inskip
*ENG3 BTU 2185			SMITH, W		E-114-BTU LIGHT	0700-1900	Inskip
ENG3 BTC E-37 00S			VANDURGRÖF, JESSIE		E-114-BTU LIGHT	0700-1900	Inskip
**STG AEU 9275G			DRUMMOND, HOWARD		C-3000	0700-1900	Inskip
CRW2 BTU CRW 2			ALVAREZ	16	C-13	0700-1900	Inskip
CRW2 C-13 BTU CREW 6			COLLIN, B	16 +/-	C-13-BTU LIGHT	0700-1900	Inskip
CRW1 C-11 BFG1			VERSKA	16 +/-	C-11-BTU LIGHT	0700-1900	Inskip
DOZ BTU 2140						0700-0700	Inskip
DOZ BTU 2149					E-147-BTU LIGHT	0700-0700	Inskip
DOZ SHU 2442				2	E-9-POTTERS	0700-0700	Inskip
DOZ PVT BUTTE 1 → DIV FP			SIMS	2	E-141	0700-0700	Inskip
DOZ PVT E-7 - KITE SOLUTION → DIV FP				2	E-7-BTU LIGHT	0700-0700	Inskip
DOZ PVT E-28 - COTTONWOOD → DIV FP				2	E-28-BTU LIGHT	0700-0700	Inskip
W/T JKS 6940			SHARP, ALEX		E-1021	0700-0700	Inskip

6. Work Assignments:
Construct Secondary Line From Inskip Creek to Butte Creek. Conduct Direct Fire Attack.
Hold and Improve Control Lines to mitigate threat of fire escaping.
ALL resources monitor BTU local.

*Resources with * identified to be available for BTU IA Response. ** Resources with ** identified to be available for Region IA Response.
*** BUTTE CMD CHANNELS NO LONGER AVAILABLE***
Use GDF CMD 1 with appropriate Tx Tone for your location within BUTTE ZONE for correct repeater (see 205)

7. Special Instructions:
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.
You're responsible for your own lookout, identify one and make it known.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
GDF C-1 T3	1	COMMAND	151.3550	103.5 (T8)	159.3000	131.8 (T3)	BLOOMER
VFIRE 23	11	TACTICAL	154.2950	156.7 (T6)	154.2950	156.7 (T6)	BRANCH V
CDF T18	14	AIR TO GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	*** AIR TO GROUND ***
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwynndlyn Ozard RESL Signature: *Gwynndlyn Ozard*
Date/Time: 8/22/2020 2200 Personnel Count: 68

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/23/20 Date To: 08/24/20 Time From: 0700 Time To: 0700	3. Branch Division V SS
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Page 2 of 2 Sierra-Sierra

4. Operations Personnel: Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T) Branch Director: _____ Division/Group Supervisor: Jeff Edson	Deputy Ops: Garrett Sjolund (Butte Zone) Branch Safety: _____ Air Attack: _____
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5. Resources Assigned:	** Resources Below In Bold are 12 Hour **				Reporting Location		
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
W/T PVT E-15 -DAVIS			DAVIS	2	E-16-POTTERS	0700-0700	Inskip
W/T PVT E-16 DAVIS				2	E-18-POTTERS	0700-0700	Inskip
W/T PVT E-18 - MARYMEE			MARYME, PATTY	2	E-18-POTTERS	0700-0700	Inskip
W/T1 PVT E-19 - BLACK → 0W FP			GOMEZ, ART	2	E-18-BTU LIGHT	0700-0700	Inskip
W/T1 PVT E-23 - TWO BROTHER				2	E-23-BTU LIGHT	0700-0700	Inskip
W/T1 PVT E-24 - COLEMAN					E-24-BTU LIGHT	0700-0700	Inskip
W/T+						0700-0700	Inskip
W/T+						0700-0700	Inskip
W/T+						0700-0700	Inskip
MAST PVT E-1003 - WURLITZER			NEVERKOVEC, TOM	1	E-1003	0700-1900	Inskip
MAST PVT E-1004 LESTER			LACKEY, CHES	2	E-1004	0700-1900	Inskip
MAST PVT E-1005 - SUNRISE			WILLIAMS, BRANDON	2	E-1005	0700-0700	Inskip
MAST PVT E-1006 - LEPAGE			GREER, MIKE		E-1006	0700-0700	Inskip
MAST PVT E-1007 - RIDGE			J. JOHNSON	2	E-1007	0700-0700	Inskip
MAST PVT E-1008 - RIDGE			WALKER, JASON		E-1008	0700-0700	Inskip
MAST PVT E-1016 - TRG EQUIP			STEPHENIE, GREGORY	2	E-1016	0700-0700	Inskip
HEQB URRITA → DIV FF			URRUTA, FELIX		0-4027	0700-1900	Inskip
HEQB+ ELVIS			ETHAN, ELVIS	1	0-	0700-0700	Inskip

6. Work Assignments:
Construct Secondary Line From Inskip Creek to Butte Creek. Conduct Direct Fire Attack.
Hold and Improve Control Lines to mitigate threat of fire escaping.
ALL resources monitor BTU local.

*Resources with * identified to be available for BTU IA Response. ** Resources with ** identified to be available for Region IA Response.
*** BUTTE CMD CHANNELS NO LONGER AVAILABLE***
Use CDF CMD 1 with appropriate Tx Tone for your location within BUTTE ZONE for correct repeater (see 205)

7. Special Instructions:
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.
You're responsible for your own lookout, identify one and make it known.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1 T3	1	COMMAND	151.3650	103.5 (T8)	159.3000	131.8 (T3)	BLOOMER
VEIRE 23	11	TACTICAL	154.2950	156.7 (T6)	154.2950	156.7 (T6)	BRANCH V
CDF T18	14	AIR TO GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	*** AIR TO GROUND ***
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwyndolyn Ozard RESL Signature: *Gwyndolyn Ozard*
Date/Time: 8/22/2020 2200 Personnel Count: 19

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name:	2. Operational Period:		3. Branch	Division
BTU Lightning Complex	Date From: 08/23/20	Date To: 08/24/20	XXV	WW
	Time From: 0700	Time To: 0700		

4. Operations Personnel: Page 1 of 1 Whiskey-Whiskey

Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T)	Deputy Ops: Mark Brown (Glenn Zone)
Branch Director: Ethan Darnall	Branch Safety:
Division/Group Supervisor: Luke Stacher	Air Attack:

5. Resources Assigned:	** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
CNR T/F 05			THOMAS, TRAY	16	E-6-TGU BAT 4	0700-0700	DP25
ENG TGU 2560			GLENN, TRAVIS	3	E-7-TGU BAT 4	0700-0700	DP25
ENG3 TGU 2564			ALEXANDER, MICHAEL	4	E-27-TGU BAT 4	0700-0700	DP25
ENG3 TGU 2574			HAMILTON, SEAN	3	E-10-TGU BAT 4	0700-0700	DP25
DOZ PVT E-35 - SCHREDER				2	E-35-TGU BAT 4	0700-0700	DP25
DOZ PVT E-36 - DAVIS				2	E-36-TGU BAT 4	0700-0700	DP25
DOZ PVT E-40 - SUNRISE			O'BRIAN, MIKE	2	E-40-TGU BAT 4	0700-0700	DP25
DOZ+						0700-0700	DP25
W/T PVT E-32 - TURRI				2	E-32-TGU BAT 4	0700-0700	DP25
W/T2 PVT E-42 - M & C				1	E-42-TGU BAT 4	0700-0700	DP25
W/T1 PVT E-43 - ACT FAST					E-43-TGU BAT 4	0700-0700	DP25
HEAD BUDDEN -> Div TT			BUDDEN, DAVID			0700-0700	DP25
ENG 3 GCE 305 FM Bellec			GIESBRECHT, STEVE	4	E-18 TGU BAT 4	0700-0700	DP25
Crew Valley View 5 CM TT			PRAWATZ, FAUKSTAD	13	E-2 TGU BAT 4	0700-0700	DP25
DOZ PVT TERRAMAR						0700-0700	DP25


6. Work Assignments:
 Prepare lines for implementation of firing plan.
 Manage and respond to new incidents in the Battalion 4 LCA.
 ALL resources monitor TGU local.

7. Special Instructions:
 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.
 You're responsible for your own lookout, identify one and make it known.

8. Communications Use 205 Page 1 - BUTTE ZONE

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C7	1	COMMAND	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN
CDF T29	5	TACTICAL	151.3475	192.8 (T16)	151.3475	192.8 (T16)	BRANCH 1
CDF T15	14	AIR TO GROUND	159.2700	192.8 (T16)	159.2700	192.8 (T16)	*** AIR TO GROUND***
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: **Gwyndolyn Ozard** RESL

Signature:  Personnel Count: 31

ICS 204 Date/Time: 8/22/2020 2200

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/23/20 Date To: 08/24/20 Time From: 0700 Time To: 0700	3. Branch Division XXX A
		Page 1 of 1 Alpha

4. Operators Personnel: Operations Section Chief: Shane Lauderdale (Day) , Jeremi Roesler (T) Branch Director: Gerry Magana	Deputy Ops: Morty Smith (Day) / Jim Hudson (Night) Branch Safety: Division/Group Supervisor: Clayton Triggs Air Attack:
---	---

5. Resources Assigned:	** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
ENG 214					E-7 TGU BAT 3	0700-1900	DP-31
DOZ+						0700-0700	DP-31
DOZ+						0700-0700	DP-31
DOZ+						0700-0700	DP-31
DOZ+						0700-0700	DP-31
W/T+						0700-0700	DP-31
W/T+						0700-0700	DP-31
W/T+						0700-0700	DP-31
ENG 3 TGU 2553			BUTLER DAVE	30	E-4 BATT 3	0700-1900	" "
ENG 3 TGU 2584			MARLOTT, ERIC	30	E-11 BATT 4	0700-0700	" "
ENG 3 TGU 210							
ENG 3 TGU 214							

6. Work Assignments:
Construct Direct and Contingency Lines where appropriate. Perform Tactical Patrol around structures for the potential of new starts. Mop up 100' around structures to prevent structure damage, and alleviate citizen concerns. ALL resources monitor TGU local.

7. Special Instructions:
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. You're responsible for your own lookout, identify one and make it known.

8. Communications Use 205 Page 2 - TEHAMA ZONE

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C7	1	COMMAND	151.4600	103.5 (T9)	159.3900	110.9 (T1)	TURNER MTN
VFIRE 21	9	TACTICAL	154.2800	156.7 (T6)	154.2800	156.7 (T6)	BRANCH XXX
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
CDF T15	14	AIR TO GROUND	159.2700	192.8 (T16)	159.2700	192.8 (T16)	*** AIR TO GROUND***
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwynndolyn Ozard RESL Signature: *Gwynndolyn Ozard*

ICS 204 Date/Time: 8/22/2020 2200 Personnel Count: 0

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name:	2. Operational Period:		3. Branch	Division
BTU Lightning Complex	Date From: 08/23/20	Date To: 08/24/20	XXX	C
	Time From: 0700	Time To: 0700	Page 1 of 1 Charlie	

4. Operations Personnel:	
Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T)	Deputy Ops: Monty Smith (Day) / Jim Hudson (Night)
Branch Director: Gerry Magana	Branch Safety: _____
Division/Group Supervisor: Andy Zuckerman	Air Attack: _____

5. Resources Assigned:	** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
ENG3 TGU 2553 -> Div A			BUTLER, DAVE	3	E-4 TGU BAT 3	0700-1900	DP-31
ENG3 TGU 2584 -> Div A			MARRIOTT, ERIC	3	E-11 TGU BAT 4	0700-0700	DP-31
ENG TGC E-210 -> Div A						0700-0700	DP-31
CRW2 TGU CRW2			TRIGGS, CLAYTON	14+/-		0700-1900	DP-31
DOZ PVT E-6 - BACKWOODS					E-4 TGU BAT 1	0700-0700	DP-31
DOZ T1 E-8 - LEPAGE -> Div Q				2	E-4 TGU BAT 3	0700-0700	DP-31
DOZ PVT E-11 - STRIKE FIRST					E-11 TGU BAT 3	0700-0700	DP-31
DOZ PVT E-18 LET R BACK					E-18 TGU BAT 3	0700-0700	DP-31
W/T PVT E-9					E-9 TGU	0700-1900	DP-31
MAST+						0700-0700	DP-31
MAST+						0700-0700	DP-31
HEQB(T) BENNER			BENNER, NATE	1	O-131	0700-0700	DP-31
Doz PVT E-5 SUGAR PINE					E-5 Batt 3	0700-0700	DP-31

6. Work Assignments:
 Construct Direct and Contingency Lines where appropriate. Perform Tactical Patrol around structures for the potential of new starts.
 Mop up 100' around structures to prevent structure damage, and alleviate citizen concerns. Conduct Direct Fire Attack.
 ALL resources monitor TGU local.


7. Special Instructions:
 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.
 You're responsible for your own lookout, identify one and make it known.

8. Communicators Use 205 Page 2 - TEHAMA ZONE

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C7	1	COMMAND	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN
CDF T1	3	TACTICAL	151.2575	192.8 (T16)	151.2575	192.8 (T16)	BRANCH XXX
CALCORD	14	MEDICAL	156.0750	156.7 (T8)	156.0750	156.7 (T6)	MEDICAL COORDINATION
CDF T15	15	AIR TO GROUND	159.2700	192.8 (T16)	159.2700	192.8 (T16)	*** AIR TO GROUND***
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: **Gwynndolyn Ozard** RESL

ICS 204 Date/Time: 8/22/2020 2200

Signature:  Personnel Count: VALUE

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/23/20 Date To: 08/24/20 Time From: 0700 Time To: 0700	3. Branch	Division
		XXX	G
4. Operations Personnel: Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T) Branch Director: Gerry Magana Division/Group Supervisor: Shane Galvez <i>PAULUS, TOSH (2573)</i>		Deputy Ops: Monty Smith (Day) / Jim Hudson (Night) Branch Safety: _____ Air Attack: _____	

5. Resources Assigned:	** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
ENG3 TGU 2563			KONICEK, CHRIS	4	E-1-TGU BAT 3	0700-1900	DP-34
ENG3 TGU 2573			PAULUS, JOSH	3	E-2-TGU BAT 4	0700-1900	DP-34
ENG3 TGU 2583			LECKEMBRY, KYLE	4	E-2-TGU BAT 3	0700-0700	DP-34
CRW1 TGU CREW 1			DARNALL, KRISTOPHER	16 +/-	C-2-TGU BAT 3	0700-1900	DP-34
DOZ PVT E-9 DEE HOLMES			Dominguez, Alex	1	E-9	0700-0700	DP-34
DOZ E-18					E-18 BAT3	0700-0700	DP-34
DOZ+						0700-0700	DP-34
DOZ+						0700-0700	DP-34
DOZ+						0700-0700	DP-34
W/T PVT E-7			MAIN, DAVE		E-7 TGU BAT 3	0700-1900	DP-34
W/T PVT E-8					E-8 TGU BAT 3	0700-1900	DP-34
W/T1 PVT E-14 - LEPAGE					E-14-TGU BAT 3	0700-1900	DP-34
W/T1 PVT E-15 - SHUMAS					E-15-TGU BAT 3	0700-1900	DP-34
W/T+						0700-0700	DP-34
W/T+						0700-0700	DP-34
HEQB Brady			Brady			0700-0700	DP-34

6. Work Assignments:
Construct Direct, Indirect, and Contingency Lines where appropriate.
Hold and Improve Control Lines to mitigate threat of fire escaping.
ALL resources monitor TGU local.

7. Special Instructions:
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.
You're responsible for your own lookout, identify one and make it known.

8. Communications							
Use 205 Page 2 - TEHAMA ZONE							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C7	1	COMMAND	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN
CDF T27	5	TACTICAL	159.3075	192.8 (T16)	159.3075	192.8 (T16)	BRANCH XXX
CALCORD	14	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
CDF T15	15	AIR TO GROUND	159.2700	192.8 (T16)	159.2700	192.8 (T16)	*** AIR TO GROUND***
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwyndolyn Ozard **RESL**
Signature: 
ICS 204 Date/Time: 8/22/2020 2200 Personnel Count: 28

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period:	3. Branch Division
Date From: 08/23/20 Time From: 0700	Date To: 08/24/20 Time To: 0700	XXX K
		Page 1 of 1 Kilo

4. Operations Personnel:	Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T)	Deputy Ops: Monty Smith (Day) / Jim Hudson (Night)
Branch Director: Gerry Magana	Branch Safety: Air Attack:	
Division/Group Supervisor:		

* Resources Below in Bold are 12 Hour **							
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
							Red Bank Fire STN

6. Work Assignments:
 Perform Tactical Patrol around structures.
 Scout Fire/Branch/Division to validate Control Lines, Division Breaks, and Branch Breaks.
 ALL resources monitor TGU local.

7. Special Instructions:
 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.
 You're responsible for your own lookout, identify one and make it known.

8. Communications Use 205 Page 2 - TEHAMA ZONE

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C7	1	COMMAND	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN
CDF T29	6	TACTICAL	151.3475	192.8 (T16)	151.3475	192.8 (T16)	BRANCH-XXX
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
CDF T15	14	AIR TO GROUND	159.2700	192.8 (T16)	159.2700	192.8 (T16)	*** AIR TO GROUND***
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwynndolyn Ozard RESL

ICS 204 Date/Time: 8/22/2020 2200 Signature: *Gwynndolyn Ozard* Personal Count: 0

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name:	2. Operational Period:	3. Branch	Division
BTU Lightning Complex	Date From: 08/23/20 Time From: 0700	XXXXVI	Quebec
	Date To: 08/24/20 Time To: 0700		

4. Operations Personnel: Page 1 of 1

Operations Section Chief: Shane Lauderdale (Day), Jermal Roesler (T)	Deputy Ops: Monty Smith (Day) / Jim Hudson (Night)
Branch Director: Tim Perkins	Branch Safety:
Division/Group Supervisor: Gabriel Trull	Air Attack:

5. Resources Assigned:	** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
CNR T/F 06					E-21-TGU BAT 3	0700-1900	DP-35
ENG3 TGU 2680			TROEHLER, MATT	4	E-20-TGU BAT 4	0700-1900	DP-35
ENG3 TGU 2682			TRULL, GABRIEL	4	E-3-TGU BAT 1	0700-1900	DP-35
CRW VALLEY VIEW 6			REID	14 +/-	C-1-TGU BAT 4	0700-1900	DP-35
DOZ TGU 2546			SWEET, JOHN		E-3-TGU BAT 3	0700-0700	DP-35
DOZ PVT E-5 - SUGARPINE <i>PeakY</i>					E-6-TGU BAT 3	0700-0700	DP-35
DOZ PVT E-10 - DAVIS <i>-> DIV X</i>					E-10-TGU BAT 3	0700-0700	DP-35
DOZ PVT E-12 - BRAD INGRAM <i>-> DIV X</i>					E-12-TGU BAT 3	0700-0700	DP-35
DOZ PVT E-18 <i>-> DIV 6</i>					E-18 TGU BAT 3	0700-0700	DP-35
DOZ PVT E-22 - M & S					E-22-TGU BAT 4	0700-0700	DP-35
W/T1 PVT E-13 - ACT FAST					E-13-TGU BAT 3	0700-0700	DP-35
W/T+						0700-0700	DP-35
HECB SMITH <i>-> DIV X</i>			SMITH, ED		O-3-TGU BAT 4	0700-0700	DP-35
<i>CRW2 ISHT CREW 2</i>							
<i>DOZ PVT E-8 LAPAGE PHOIVG</i>							

6. Work Assignments:
 Construct Direct and Contingency Lines where appropriate.
 Hold Fire within established Control Lines.
 Implement firing plan in Division.
 ALL resources monitor TGU local.

7. Special Instructions:
 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.
 You're responsible for your own lookout, identify one and make it known.

8. Communications Use 205 Page 2 - TEHAMA ZONE

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C7	1	COMMAND	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN
CDF T26	4	TACTICAL	159.2925	192.8 (T16)	159.2925	192.8 (T16)	BRANCH XXXVI
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
CDF T15	14	AIR TO GROUND	159.2700	192.8 (T16)	159.2700	192.8 (T16)	*** AIR TO GROUND***
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwynndolyn Ozard RESL

Signature: *Gwynndolyn Ozard*

ICS 204 Date/Time: 8/22/2020 2200 Personnel Count: 22



SAFETY MESSAGE

BTU/TGU Lightning Complex

August 23, 2020 0700-0700 CA-BTU-009692



CHANGE IN WEATHER

INCREASED WINDS and WIND SHIFTS IN FIRE AREA

SAFETY

Watch Out

- Increased Fire Behavior due to WIND changing of direction, **EXPECT** Out Flow Winds and Gradient Winds over the next 48 hours
- High probability for increased night time fire behavior
- Changes in wind and fire behavior due to lightning cells

Mitigation

- Keep informed on predicted fire weather conditions and forecasts
- Base all actions on current and expected fire behavior
- Keep a "Heads Up" when working and Lightning Cells are in the area, reference *Lightning Safety Communication* insert for tailgate safety talks

OPERATE WITHIN YOUR LIMITS

WORK / REST, QUALIFICATIONS, DRIVING

SAFETY

Watch Out

- *Hot weather* can lead to dehydration, heat illness, serious medical emergencies
- *Working beyond capabilities* can lead to a failure to identify risks
- *Unsafe vehicle operation* can lead to accidents and serious/catastrophic injury

Mitigation

- Proper nutrition, rest and hydration reduces fatigue and exhaustion emergencies
- Know your qualification level and be honest about capabilities
- Slow down, maintain a safe distance, turn on lights, allow for extra travel time

COVID-19

REDUCE THE EXPOSURE AND SPREAD BY KNOWING

SAFETY

Watch Out

- Persistent fever or chills, persistent cough, persistent headache, persistent fatigue
- Shortness of breath or persistent difficulty breathing
- Excessive, without relief muscle or body aches

Mitigation

- Wearing a face covering when you're less than 6 feet from others
- Washing your hands frequently, for at least 20-seconds at a time
- ONLY 3 people seated and spaced per table in the dining area

EVERYONES RESPONSIBILITY

REMAIN FIRE FOCUSED AND COVID-19 AWARE

Brent Stangland

SAFETY OFFICER



SAFETY COMMUNICATION -01

BTU-TGU LIGHTNING COMPLEX



LIGHTNING SAFETY

Thunderstorm warnings are anticipated for Sunday thru Tuesday, lightning has been predicted with this new storm. Thunderstorms cause significant hazards to our personnel, including downbursts causing a change in winds and producing extreme fire behavior and lightning. Prior to the thunderstorm development, lookouts should be posted and aware of the signs of a developing storm. For example, sudden reversal in wind direction, a noticeable rise in wind speed, and a sharp drop in temperature may note the mature stage of a storm. Heavy rain, hail and lightning occur only in the mature stage of a thunderstorm.



During a thunderstorm, use the following guidelines to protect your personnel:

- AVOID LYING DOWN ON THE GROUND
- ON THE FIRELINE, THE BEST POSITION IS SITTING ON YOUR PACK OR WEBGEAR OR CROUCHING WITH YOUR FEET CLOSE TOGETHER.
- AVOID SITTING DIRECTLY ON THE GROUND, IF POSSIBLE, BUT IF NECESSARY KEEP YOUR FEET AND BUTT CLOSE TOGETHER.
- MAINTAIN A FIFTEEN FOOT SEPERATION BETWEEN CREW MEMBERS
- STAY OUT OF DRY CREEK BEDS IN THE EVENT OF FLASH FLOODING, NOTHING TO DO WITH LIGHTNING.
- HANDHELD RADIOS WITH SHORT RUBBER ANTENNAS OR CELL PHONES ARE SAFE TO USE. COMMUNICATION IS VITAL TO PERSONNEL SAFETY. AVOID USING LAND LINES OR RADIOS WITH LENGTHY METAL ANTENNAS. BE AWARE RADIO AND CELL COMMUNICATIONS CAN BE DISRUPTED DURING A LIGHTNING EVENT
- WIDE OPEN SPACES ARE BETTER THAN LOCATIONS WITH TREES OR CLUMPS OF TREES. AVOID RIDGE TOPS, WIRE FENCES, UTILITY POLES OR LINES
- IF YOU FEEL THE HAIR ON YOUR HEAD OR ARMS RAISE, THERE IS A HIGH PROBABILITY OF A LIGHTNING STRIKE IN THE VACINITY...MAKE YOURSELF SMALL AND CROUCH, OR SIT ON YOUR PACK OR WEBGEAR.
- PLACE HANDTOOLS AWAY FROM YOU AND OTHER PERSONNEL
- STRUCTURES, FIRE ENGINES, CREW BUSES AND PICK-UPS PROVIDE SAFE SHELTER FROM A THUNDERSTORM



INCIDENT ACTION PLAN SAFETY ANALYSIS (ICS 215A)



1. Incident Name: BTU/UGU Lightning Complex		2. Incident Number: CA-BTU-009692	
3. Date/Time Prepared: Date: 08/22/2020 Time: 1700 hours		4. Operational Period: Date From: 08/23/2020 To: 08/24/2020 Time From: 0700 hours To: 0700 hours	
5. Incident Area	6. Hazards/Risks	7. Mitigations	
ALL	Lightning	Put down all tools, take shelter in a vehicle, avoid grouping together, avoid sitting directly on the ground, don't lie down, stay vigilant	
ALL	Narrow roadways -- extended distances to lodging; passing on undivided highways; slow moving truck traffic; low visibility from dust	Turn lights on, observe speed limits and expect vehicles opposing traffic. Plan for extended travel times.	
ALL	Dehydration / Rhabdomyolysis	With the long operational shifts and high humidity's, maintain your crews water and caloric intake regimen.	
ALL	Working around heavy equipment	Maintain eye-to-eye contact with the operator. Have fire suppression support when operating in dry fuels.	
ALL	Fatigue -- physical and mental	Continually monitor your crew. Know the signs and symptoms of heat illness. Plan for a 2-1 Work Rest Work Cycle	
ALL	Steep, unstable terrain	Watch footing and maintain downhill tool placement. Be aware of loose material. Look for ash pits and stump holes.	
ALL	Unburned areas	LCES - utilize worst case scenario when working in or around pockets of unburned fuels.	
ALL	Hazardous Trees	IRPG Pg 22: Identify and Flag Hazardous Trees. Eliminate hazardous trees with qualified sawyers or heavy equipment.	
ALL	Personal Protective Equipment (PPE)	Wear appropriate PPE for all operations until your supervisor indicates its safe to remove.	
ALL	Highway 99/32 CAL TRANS Be aware of logging trucks working in the area	Drive slow through the construction areas. Expect delays along Hwy 99.	
ALL	COVID-19: Reduce exposure potential to yourself, your crew 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.	
ALL	Helicopters - Water Drops and Turbulence	Post lookouts and make escape routes and safety zones know. LCES. Watch overhead for hazard trees and wind changes.	
Ground Support	Personnel and vehicles moving around one another in tight areas	Chock wheels. Use spotters and backers. Follow mechanic direction.	
8. Prepared by (Safety Officer): Name: Brent Stangeland Prepared by (Deputy Operations Section Chief): Name: Shane Lauderdale Signature:  Signature: 			
ICS 215A		Date/Time: 08.22.2020 1700 Hours	

AIR OPERATIONS SUMMARY ICS-220 (BTU)						Time Prepared 1800	Date Prepared Saturday, August 22, 2020	Prepared By Greg Bradshaw					
Incident Name and Incident Number BTU Lighting Complex CA-BTU-009692		Sunrise 0627	Startup 0657	Cutoff 1924	Sunset 1954	Shutdown 2024	Operational Period - Date Sunday, August 23, 2020			Operational Period - Time 0700 - 0700			
General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc. TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN. TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS DROPPED All GPS DATA TO BE COLLECTED IN DEGREES, MINUTES, DECIMAL MINUTES FORMAT. AVOID Aerial Application of Retardant / Foam / Agent within 300' of Waterways, Bodies of Water, etc. If Retardant / Foam / Agent is Dropped Within These Areas Immediately Notify the AOBD and Provide the Following Information: Lat / Long, Estimated Number of Gallons and a Map Detailing The Area.						Helibase Information Name Chico Latitude 39° 47.67 Longitude 121° 51.52 Name Latitude Longitude (use page 2 if needed)		TFR Information Request # A-70 Radius: 7 NM Altitude: 8000' MSL Centerpoint: 39° 57.99' Lat 121° 35.16' Long NOTAMS: 0/5836 Frequency 134.325 http://tfr.faa.gov/tfr2/list.html			Rescue Ship Information Day Night Name CA Nat Guard CA Nat Guard Phone ECC ECC Make/Model Blackhawk Blackhawk Location Redding Redding Request Procedure for These Aircraft: Contact Incident Communications See Medical Plan For Additional Info		
Frequencies	RX	Tone	TX	Tone	AM / FM	Position	Name	Phone	Trainee Name	Phone			
AIR TACTICS	163.1500		163.1500		FM	AOBD	Greg Bradshaw	(949) 887-2841					
AIR / AIR Rotor Victor	134.3250		134.3250		AM	ASGS							
AIR / AIR Briefing Victor					AM	HEBM			Collin Kelly	(530) 864-2582			
					FM								
AIR / GROUND (CDF T18)	159.3450	192.8 (16)	159.3450	192.8(16)	FM								
COMMAND (CDF C1)	151.3550	103.5 (8)	159.3000		FM	HLCO	Byron Vance	(530) 520-8651					
TOLC					AM	HLCO							
DECK	163.1000		163.1000		FM	ATGS	S. McGregor	(530) 521-8748					
CALCORD - MEDICAL	156.0750	156.7 (6)	156.0750	156.7 (6)	FM	ATGS	S. Hawkins	(530) 990-5128					
AIRGAURD - Emergency Only	168.6250		168.6250	110.9 (1)	FM	AAML	Patrick Tomlinson	(951) 377-5287					
HELICOPTERS													
FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks / A - #	FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks / A - #
82D	2	Bell 205	Chico	7:00	8:00	Long Line / A-45							
2EV	3	Airbus 350B2	Chico	7:00	8:00	Recon / A-74							
FIXED WING													
FAA #	Type	Make/Model	Base	Avail	Start	Remarks	FAA #	Type	Make/Model	Base	Avail	Start	Remarks

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AIR OPERATIONS SUMMARY ICS-220 (TGU)						Time Prepared 1800	Date Prepared Saturday, August 22, 2020	Prepared By Greg Bradshaw					
Incident Name and Incident Number BTU Lighting Complex CA-BTU-009692			Sunrise 0627	Startup 0657	Cutoff 1924	Sunset 1954	Shutdown 2024	Operational Period - Date Sunday, August 23, 2020		Operational Period - Time 0700 - 0700			
General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc. TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN. TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS DROPPED All GPS DATA TO BE COLLECTED IN DEGREES, MINUTES, DECIMAL MINUTES FORMAT. AVOID Aerial Application of Retardant / Foam / Agent within 300' of Waterways, Bodies of Water, etc. If Retardant / Foam / Agent is Dropped Within These Areas Immediately Notify the AOB and Provide the Following Information: Lat / Long, Estimated Number of Gallons and a Map Detailing The Area.						Helibase Information Name Red Bluff Latitude 40° 15.01 Longitude 122° 25.21 Name Latitude Longitude (use page 2 if needed)		TFR Information Request # A-306 Radius: Square NM Altitude: 10000' MSL Centerpoint: 40° 08.11' Lat 122° 42.57' Long NOTAMS: 0/6028 Frequency 126.875 http://tfr.faa.gov/tfr2/llst.html		Rescue Ship Information Day Night Name CA Nat Guard CA Nat Guard Phone ECC ECC Make/Model Blackhawk Blackhawk Location Redding Redding Request Procedure for These Aircraft: Contact Incident Communications See Medical Plan For Additional Info			
Frequencies	RX	Tone	TX		Tone	AM / FM	Position	Name	Phone	Trainee Name	Phone		
AIR TACTICS	164.1375		164.1375			FM	AOBD	Greg Bradshaw	(949) 887-2841				
AIR / AIR Rotor Victor	126.8750		126.8750			AM	ASGS						
AIR / AIR Briefing Victor						AM	HEBM			Ray Gomez	(828) 377-7408		
						FM							
AIR / GROUND - Tactical	159.2700	192.8 (16)	159.2700		192.8(16)	FM							
COMMAND	151.4600	103.5 (8)	159.3900		110.9 (1)	FM	HLCO	Byron Vance	(530) 520-8651				
TOLC						AM	HLCO						
DECK	163.1000		163.1000			FM	ATGS	S. McGregor	(530) 521-8748				
CALCORD - MEDICAL	156.0750	156.7 (6)	156.0750		156.7 (6)	FM	ATGS	S. Hawkins	(530) 990-5128				
AIRGAURD - Emergency Only	168.6250		168.6250		110.9 (1)	FM	AAML	Patrick Tomlinson	(951) 377-5287				
HELICOPTERS													
FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks / A - #	FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks / A - #
801	1	Chinook / CH-47	Red Bluff	8:00	9:00	Long Line / A-29							
802	1	Chinook / CH-47	Red Bluff	8:00	9:00	Long Line / A-29							
803	1	Chinook / CH-47	Red Bluff	8:00	9:00	Long Line / A-50							
804	1	Chinook / CH-47	Red Bluff	8:00	9:00	Long Line / A-51							
G32	3	UH-72 Lakoda	Red Bluff	8:00	9:00	HLCO / A-68							
6LH	2	Bell 212	Red Bluff	7:00	8:00	Long Line / A-34							
4PJ	3	Bell 206	Red Bluff	7:00	8:00	HLCO & Recon / A-69							
OBR	3	Bell 206	Red Bluff	7:00	8:00	Recon - TGU aircraft							
FIXED WING													
FAA #	Type	Make/Model	Base	Avail	Start	Remarks	FAA #	Type	Make/Model	Base	Avail	Start	Remarks

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ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex BUTTE ZONE			2. Date/Time Prepared Date: 08/22/2020 Time: 1930			3. Operational Period: Date From: 08/23/20 Time From: 0700 Date To: 08/24/20 Time To: 0700		
4. Communications								
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
1	COMMAND	CDF C1 T3	BUTTE ZONE	151.3550	103.5 (T8)	159.3000	131.8 (T3)	BLOOMER
2	COMMAND	CDF C1 T13	BUTTE ZONE	151.3550	103.5 (T8)	159.3000	141.3 (T13)	COLBY MTN
3	COMMAND	CDF C1 T14	BUTTE ZONE	151.3550	103.5 (T8)	159.3000	151.4 (T14)	PLATTE
4	COMMAND	CDF C1 T15	BUTTE ZONE	151.3550	103.5 (T8)	159.3000	162.2 (T15)	BALD MTN
5								
6								
7	TACTICAL	CDF T24	DIV AA/GG	151.3325	192.8 (T16)	151.3325	192.8 (T16)	BRANCH I/X
8	TACTICAL	CDF T29	DIV WW	151.3475	192.8 (T16)	151.3475	192.8 (T16)	BRANCH I
9	TACTICAL	CDF T30	DIV HH/FF	151.3925	192.8 (T16)	151.3925	192.8 (T16)	BRANCH V
10	TACTICAL	CDF T32	DIV PP	151.2425	192.8 (T16)	151.2425	192.8 (T16)	BRANCH V
11	TACTICAL	VFIRE 23	DIV SS	154.2950	156.7 (T6)	154.2950	156.7 (T6)	BRANCH V
12								
13								
14	AIR TO GROUND	CDF T18	ALL DIVS	159.3450	192.8 (T16)	159.3450	192.8 (T16)	**** AIR TO GROUND ****
15	MEDICAL	CALCORD	ALL DIVS	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
16	AIRGUARD	AIRGUARD	ALL DIVS	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY
17								
18								
19								
20	AIRGUARD	AIRGUARD	EMERGENCY	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY
5. Special Instructions								
THE LATEST CLONE FOR AUGUST 23,2020 IS BTU LCA3,TGU LCA4 AND GLN LCA1 WHICH IS THE GROUP NAME IN YOUR HT								
6. Prepared by (Communications Unit Leader): Name: Mike Heyfron COML						Signature:		
ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION//BASIC						Date/Time: 08/22/20 1930		

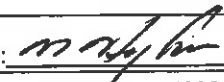
ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name: BTU Lightning Complex GLENN ZONE			2. Date/Time Prepared Date: 08/22/2020 Time: 1930			3. Operational Period: Date From: 08/23/20 Date To: 08/24/20 Time From: 0700 Time To: 0700			
4. Communications									
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
1	COMMAND	CDF C7	ALL DIVS	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN	
2									
3									
4	TACTICAL	CDF T28	DIV BB/CC	151.1825	192.8 (T16)	151.1825	192.8 (T16)	BRANCH XXX	
5	TACTICAL	CDF T29	DIV WW	151.3475	192.8 (T16)	151.3475	192.8 (T16)	BRANCH XXX	
6	TACTICAL	CDF T27	DIV TT	159.3075	192.8 (T16)	159.3075	192.8 (T16)	BRANCH XXXV	
7									
8									
9									
10									
11									
12									
13									
14	AIR TO GROUND	CDF T15	ALL DIVS	159.2700	192.8 (T16)	159.2700	192.8 (T16)	**** AIR TO GROUND****	
15	MEDICAL	CALCORD	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL CORDINATION	
16	AIRGUARD	AIRGUARD	EMERGENCY	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY	
17									
18									
19									
20	AIRGUARD	AIRGUARD	EMERGENCY	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY	
5. Special Instructions									
THE LATEST CLONE FOR AUGUST 23,2020 IS BTU LCA3,TGU LCA4 AND GLN LCA1 WHICH IS THE GROUP NAME IN YOUR HT									
6. Prepared by (Communications Unit Leader): Name: Mike Heyfron COML						Signature: 			
ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION//BASIC						Date/Time: 08/22/20 1930			

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name: BTU Lightning Complex TEHAMA ZONE			2. Date/Time Prepared Date: 08/22/2020 Time: 1930			3. Operational Period: Date From: 08/23/20 Date To: 08/24/20 Time From: 0700 Time To: 0700			
4. Communications									
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
1	COMMAND	CDF C7	ALL DIVS	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN	
2									
3	TACTICAL	CDF T1	DIV C	151.2575	192.8 (T16)	151.2575	192.8 (T16)	BRANCH XXX	
4	TACTICAL	CDF T26	DIV Q	159.2925	192.8 (T16)	159.2925	192.8 (T16)	BRANCH XXXVI	
5	TACTICAL	CDF T27	DIV G	159.3075	192.8 (T16)	159.3075	192.8 (T16)	BRANCH XXX	
6	TACTICAL	CDF T29	DIV K	151.3475	192.8 (T16)	151.3475	192.8 (T16)	BRANCH XXX	
7	TACTICAL	CDF T30	DIV T	151.3925	192.8 (T16)	151.3925	192.8 (T16)	BRANCH XXXVI	
8	TACTICAL	CDF T32	DIV X	151.2425	192.8 (T16)	151.2425	192.8 (T16)	BRANCH XXXVI	
9	TACTICAL	VFIRE 21	DIV A	154.2800	156.7 (T6)	154.2800	156.7 (T6)	BRANCH XXX	
10	TACTICAL	VFIRE 23	DIV N	154.2950	156.7 (T6)	154.2950	156.7 (T6)	BRANCH XXXVI	
11	TACTICAL	VFIRE 24	DIV V	154.2725	156.7 (T6)	154.2725	156.7 (T6)	BRANCH XXXVI	
12	TACTICAL	VFIRE 25	CONTINGENCY	154.2875	156.7 (T6)	154.2875	156.7 (T6)	BRANCH XXXVI	
13									
14	AIR TO GROUND	CDF T15	ALL DIVS	159.2700	192.8 (T16)	159.2700	192.8 (T16)	**** AIR TO GROUND****	
15	MEDICAL	CALCORD	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL CORDINATION	
16	AIRGUARD	AIRGUARD	EMERGENCY	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY	
17									
18									
19									
20	AIRGUARD	AIRGUARD	EMERGENCY	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY	
5. Special Instructions									
THE LATEST CLONE FOR AUGUST 23,2020 IS BTU LCA3,TGU LCA4 AND GLN LCA1 WHICH IS THE GROUP NAME IN YOUR HT									
6. Prepared by (Communications Unit Leader): Name: Mike Heyfron COML						Signature: 			
ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION//BASIC						Date/Time: 08/22/20 1930			

MEDICAL PLAN (ICSS206)

1. Incident Name: BTU Lightning Complex	2. Operational Period:	Date From: 8/23/20	Date To: 8/24/20	
		Time From: 0700	Time To: 0700	
3. Medical Aid Stations:				
Name	Location	Contact Number/Freq	Level of Service	
CAL-MAT	ICP	(861)428-8010	PHD	
Medical Supply Trailer	Maggalia (Butte Fire Center)	N/A	Supply Only	
4. Transportation (Indicate air or ground):				
Ambulance Service	Location	Contact Number	Level of Service	
Butte County EMS (Ground)	Chico	(530)895-9124	ALS	
Saint Elizabeth Ambulance (Ground)	Red Bluff / Corning	(530)529-8542	ALS	
Westside Ambulance (Ground)	Orland	(530)895-9130	ALS	
Reach / CAL-STAR (Air)	Marysville	(800)338-4045	RN	
Enice (Air)	Chico	(800)344-1883	RN	
Guard Copier (24 Hour ALS Hoist)	Redding (North Ops)	Red Bluff / Oroville	ALS	

Hospital Name	Address	Contact Number(s) Frequency	Travel Time		Trauma Center	Burn Center	Helipad
			Air	Ground			
Enice Medical Center Chico, Ca	1531 Esplanade N39°44.53' W121°50.95'	(530)332-7743	7	20	Level 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Saint Elizabeth Corinn Hospital Red Bluff, Ca	2550 Sister Mary Columbia Dr N40°08.95' W122°13.17'	(530)529-8300	5	15	Level 3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Glenn Medical Center Willows, Ca	1133 W Sycamore St Willows	(530)934-1840	N/A	30		<input type="checkbox"/>	<input type="checkbox"/>
UC Davis Medical Center Sacramento, Ca	2315 Stockton Blvd N38°33.28' W121°21.35'	(916)734-3790	30	90	Level 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

6. Special Medical Emergency Procedures

- Line Emergency**
Crew Supervisor will contact Division Supervisor with patient complaint/condition and location:
- Division Group Supervisor Contacts:
1. Closest EMS resource
2. Communications Unit
- Communications Unit Contacts:
1. Ground or Air ambulance as requested.
2. Operations
3. Safety
4. Medical Unit
- Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel.
1. A pre-assigned tactical frequency (i.e. CALCORD) should be used for I/M and only for duration of the emergency.
- Communications Unit will clear the Commsnet channel for emergency traffic as needed for duration of the need.

Injury Reporting Procedures

Nature of Injury: _____
Location of Patient: _____
Point of Contact: _____
Transportation Requested by: Air _____ Ground _____
Point of Pick-Up: _____
 Lat: _____ Long: _____
Patient Unit ID: _____
Is an EMT with Patient: Yes _____ No _____
 Age: _____ Sex: Male _____ Female _____

All Emergencies - Secure the area and identified witnesses for later investigation. Keep accurate log of events.

- Camp Emergency**
Contact Medical Unit with patient complaint/condition and location.
Medical staff will respond to stabilize the patient.
- Medical Unit contacts
1. Communications
2. Safety
3. Logistics
4. Operations
5. Crew Supervisor
6. Camp/Crews

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

7. Prepared by (Medical Unit Leader): Steve McGary
Leif Julussen (I)

Signature

8. Approved by (Safety Officer): Doug Ferro
Brent Stargeland

Signature

ICSS 206 Date/Time: 08/22/2020 / 1700

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
**PROPERTY CERTIFICATION OF LOCATION OR DAMAGE
CERTIFICATE OF RESPONSIBILITY FOR INCIDENT
OCCURRENCE**

Incident#: _____
Request #: _____
<small>NOTE: This form must not be used to certify lost, stolen or worn out property. A STD 152 Property Survey Report must be completed.</small>

CAL FIRE-101 page 1 of 2 (1/07)

DOC. NUMBER: _____

LOCATION / INCIDENT NAME:	INCIDENT NUMBER:	UNIT:	REGION:	DATE:
THE FOLLOWING ARTICLES WERE: (broken, left on fire, damaged, or other)				
				DATE OF OCCURRENCE:

QUANTITY	UNIT OF MEAS.	CAL FIRE STOCK NUMBER <small>(COMPLETE WHENEVER ASSIGNED)</small>	DESCRIPTION <small>(INDICATE SIZE, MAKE, MODEL, TYPE, ETC., TO CLEARLY DESCRIBE THE ITEM, PROVIDE ADEQUATE DATA TO EFFECTIVELY IDENTIFY EQUIPMENT OR PROPERTY)</small>	PROPERTY NUMBER

LOCATION OF ITEMS: _____
REMARKS: _____

SIGNATURE OF PERSON CERTIFYING OCCURRENCE AS DESCRIBED			
SIGNATURE:	PRINTED NAME:	TITLE:	DATE:

DIV: _____ **Div's Name:** _____

Div. Signature: _____

Attention Division Group Sup., by signing you are verifying that the above list items where left on the incident and may qualify for replacement by the Supply Unit and / or Incident.

FINANCE MESSAGE

ALL RESOURCES ASSIGNED TO THE INCIDENT
WILL UTILIZE THEIR

ORIGINAL INCIDENT NUMBER & REQUEST NUMBER

FIRES IN COMPLEX

- BTU LIGHTNING COMPLEX 2020 CABTU 009692
- 5-4 POTTERS CABTU 009702
- TGU BATT 4 LCA CATGU 008705
- IVORY CATGU 008913
- TGU BATT 3 LCA (ELKHORN) CATGU 008683

PLEASE ENSURE ALL SHIFT TICKETS & FC-33's UTILIZE
THEIR CORRECT INCIDENT & REQUEST NUMBERS



CAL-FIRE INCIDENT MANAGEMENT TEAM IV



24HR LINE RESOURCE – 2 OPERATOR

EMERGENCY SHIFT TICKET and EVALUATION FORM The responsible Government Officer will complete this form each shift.				Contractor Name THE BEST DOZERS LLC			
Incident or Project Name MISSION		Incident Number CA-MMU-018115		Request Number E-444		Operator #1 FIRST & LAST	
Operator #2 FIRST & LAST		Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Agreement Number MMU-0000015953		Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Equipment Make 1999 PETERBILT 379		Equipment Model / Type TRANSPORT 18 WHEEL					
Serial Number COMPLETE VIN#		License Number 12345A1					
Equipment Use (Circle) Hours Days / Miles		Equipment Status Inspected <input type="checkbox"/> Released by Government <input checked="" type="checkbox"/> Under Agreement <input checked="" type="checkbox"/> Withdrawn by Contractor <input type="checkbox"/>					
Date Mo / Day	Start	Stop	Work	Remarks/Comments**			
9/5	0701	2400	17	2 OPERATORS			
9/6	0001	0700	7	DIV X			
Vendor Rating				Govt. Rep. Name and Position – PRINT			
Poor* Avg. Good Exc. N/A				Print Your Name			
Met Performance Expectations				Govt. Rep. Signature			
Equipment in Safe Working Condition				Your Signature			
Operator Skill Level				Contractor Signature			
Operates Safely				John Smith			
Operator's Cooperation Level				Date 9/6/20 Time 0700			
Overall Performance				CAL FIRE 297 (Rev 3-2011)			

12HR LINE RESOURCE – 1 OPERATOR

EMERGENCY SHIFT TICKET and EVALUATION FORM The responsible Government Officer will complete this form each shift.				Contractor Name THE BEST DOZERS LLC			
Incident or Project Name MISSION		Incident Number CA-MMU-018115		Request Number E-555		Operator #1 FIRST & LAST	
Operator #2 -		Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Agreement Number MMU-0000015955		Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Equipment Make 2004 CAT		Equipment Model / Type D6N / TYPE II E					
Serial Number COMPLETE VIN#		License Number -					
Equipment Use (Circle) Hours Days / Miles		Equipment Status Inspected <input type="checkbox"/> Released by Government <input checked="" type="checkbox"/> Under Agreement <input checked="" type="checkbox"/> Withdrawn by Contractor <input type="checkbox"/>					
Date Mo / Day	Start	Stop	Work	Remarks/Comments**			
9/7	0001	0700	7	OFF SHIFT			
9/7	0701	1900	12	DIV X			
9/7	1901	2400	5	OFF SHIFT			
Vendor Rating				Govt. Rep. Name and Position – PRINT			
Poor* Avg. Good Exc. N/A				Print Your Name			
Met Performance Expectations				Govt. Rep. Signature			
Equipment in Safe Working Condition				Your Signature			
Operator Skill Level				Contractor Signature			
Operates Safely				John Smith			
Operator's Cooperation Level				Date 9/5/20 Time 1900			
Overall Performance				CAL FIRE 287 (Rev 3-2011)			

24HR / 12HR TRANSITION SHIFT TICKET

EMERGENCY SHIFT TICKET and EVALUATION FORM The responsible Government Officer will complete this form each shift.				Contractor Name THE BEST DOZERS LLC			
Incident or Project Name MISSION		Incident Number CA-MMU-018115		Request Number E-444		Operator #1 FIRST & LAST	
Operator #2 FIRST & LAST		Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Agreement Number MMU-0000015953		Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Equipment Make 1999 PETERBILT 379		Equipment Model / Type TRANSPORT 18 WHEEL					
Serial Number COMPLETE VIN#		License Number 12345A1					
Equipment Use (Circle) Hours Days / Miles		Equipment Status Inspected <input type="checkbox"/> Released by Government <input checked="" type="checkbox"/> Under Agreement <input checked="" type="checkbox"/> Withdrawn by Contractor <input type="checkbox"/>					
Date Mo / Day	Start	Stop	Work	Remarks/Comments**			
9/5	0701	1900	12	DIV X			
9/6	1901	2400	5	OFF SHIFT			
Vendor Rating				Govt. Rep. Name and Position – PRINT			
Poor* Avg. Good Exc. N/A				Print Your Name			
Met Performance Expectations				Govt. Rep. Signature			
Equipment in Safe Working Condition				Your Signature			
Operator Skill Level				Contractor Signature			
Operates Safely				John Smith			
Operator's Cooperation Level				Date 9/5/20 Time 1900			
Overall Performance				CAL FIRE 297 (Rev 3-2011)			

24HR IN CAMP RESOURCE

EMERGENCY SHIFT TICKET and EVALUATION FORM The responsible Government Officer will complete this form each shift.				Contractor Name THE BEST CAMP LLC			
Incident or Project Name MISSION		Incident Number CA-MMU-018115		Request Number E-333		Operator #1 FIRST & LAST	
Operator #2 -		Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Agreement Number MMU-0000015950		Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Equipment Make TENT		Equipment Model / Type WESTERN SHELTER 19X35					
Serial Number -		License Number -					
Equipment Use (Circle) Hours Days / Miles		Equipment Status Inspected <input type="checkbox"/> Released by Government <input checked="" type="checkbox"/> Under Agreement <input checked="" type="checkbox"/> Withdrawn by Contractor <input type="checkbox"/>					
Date Mo / Day	Start	Stop	Work	Remarks/Comments**			
9/2	0001	2400	24	ICP			
(4) TENTS, CANOPY WSIDES FLOOR & INSULATED ROOF 576sq ft							
Vendor Rating				Govt. Rep. Name and Position – PRINT			
Poor* Avg. Good Exc. N/A				Print Your Name			
Met Performance Expectations				Govt. Rep. Signature			
Equipment in Safe Working Condition				Your Signature			
Operator Skill Level				Contractor Signature			
Operates Safely				John Smith			
Operator's Cooperation Level				Date 9/5/20 Time 1900			
Overall Performance				CAL FIRE 297 (Rev 3-2011)			



BUTTE / TEHAMA / LIGHTNING **COMPLEX INFORMATION SHEET**

Fire Information Line: (530)505-1165

Please scan the QR Below for CAL FIRE's Social Media Policy 0691.



INCIDENT MAIL

The PIO Trailer will receive mail/packages shipped to the Incident. Please ensure all mail addressed to the incident follows the format below:

(YOUR NAME, YOUR ORDER NUMBER)
C/O BTU/TGU LIGHTNING COMPLEX BASE CAMP
PUBLIC INFORMATION TRAILER
TEHAMA DISTRICT FAIRGROUNDS
650 ANTELOPE BLVD, RED BLUFF, CA 96080

LOST AND FOUND

Any items that are found, please bring them to the PIO Trailer located at the entrance to Base Camp and leave them with PIO staff. Please leave your name and contact information and description of lost items so we can attempt to reunite you with your items.



BTU LIGHTNING COMPLEX INCIDENT

CA-BTU-009692

REMOTE CHECK-IN



**Please use this code to Check In to the
BTU LIGHTNING COMPLEX INCIDENT**

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

FIRING OPERATION CHECKLIST

Location: _____

Date: _____ Time: _____

Firing Supervisor _____

1. Personnel Briefing

- Objectives
- Conditions (fire environment)
- Resource assignments identified
 - Firing personnel
 - Holding forces
 - Lookouts
- Ignition plan/sequence
- Communication Plan
- Contingency Plan
- Safety issues

2. Go / No-Go

- All personnel briefed
- Weather forecast reviewed
- Resources in place
- Lookouts posted as needed
- Anchor and termination firing points identified
- Communications systems in place
- Fire behavior forecast reviewed
- Escape routes and safety zones established and made known
- Adjoining forces/Air Attack notified

3. Approval Prior To Firing

- Division Supervisor
- Branch Director
- Operations

4. Other Notifications

- Other: _____
- Other: _____

Attach Firing Operations Checklist to ICS-214

Rev: Ops Group February 8, 2011

CAL FIRE

INCIDENT MANAGEMENT TEAM

WATER USAGE PLAN

California Drought Emergency

The following shall be considered and implemented by all fire resources as a means to provide maximum efficiencies when utilizing water resources, while minimizing the impacts to private and public water supplies. Accountability shall be maintained for all water supplies that are utilized and care should be applied to ensure proper replacement and/or reimbursement to the supplier/ owner.

Fireline personnel- (During mop up operations)

- Use of Pencil Hose and Garden Nozzles with Shut-Offs.
- Use of Back pumps.
- Dry Mop-up and consolidation of heavy fuels to areas where they can burn out safely
- Locate/ Relocate Firelines to lighter fuels or natural barriers when safe.
- Set up and use portable tanks in anticipation of longer transport times for Water Tenders.
- Use of foams, gels and other water enhancers.
- Evaluate need to mop up in excess of 200 feet from fireline

Road Maintenance and Repair-

- Monitor and water roads only when and where needed.
- Water when most effective (evening and nights).
- Use chemical treatments when available (Magchloride, Omni bind ect).
- Consider use of tertiary or treated water (sp)

Aviation Operations-

- Use of Gels, Foams and Retardants. Set up portable plants.
- Consider Blivits and Pencil hose for interior mop up operations as opposed to numerous bucket drops.
- Establish and use pre-use agreements for existing and known water sources.
- Use large watershed dip sites when able. Minimize use of small, static ponds and lakes.
- Maintain accountability of water used and locations of dip sites.
- Evaluate need for interior bucket drops

Private Water Supplies-

- Notify property owner as early as possible.
- Minimize usage and develop alternative water supplies when and where appropriate.
- Track usage (meter, 214 form) and develop a plan to replace water.
- Make arrangements for reimbursement and damage claims if needed.

Public/ Municipal Water Supplies-

- Notify Agency as soon as possible and request a representative to the incident.
- Identify fill areas and request metering devices. Place on incident map.
- Use alternative or reclaimed water sources when available. Place on incident map.
- Make arrangements for reimbursement and damage claims if needed.

Management and Supervision-

- Use leaders intent and establish Water Conservation as an Management Objective.
- Consider complexity of water use on incidents. Establish a Water Supply Group Supervisor to coordinate additional resources to support the incident needs.
- Complete the Water Usage Report daily and turn in to Finance
- Review this check list and brief daily.

CAL FIRE INCIDENT MANAGEMENT TEAM WATER USAGE LOG

DATE: _____ Division / Group: _____

AGENCY ID / VENDOR: _____
I.e.: Strike Team 1110C, Acme Water Tenders

REQUEST # _____

WATER SOURCE LOCATION	Hydrant	Open source I.e. pond	Tank	Gallons Used	Property Owner / Contact Number if known **

TURN INTO FINANCE DAILY

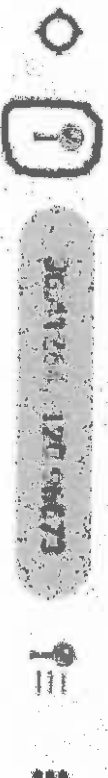
****Please note if you made contact with property owner and their contact. (Use reverse side if needed.)**
Information: _____

The intent of this document is intended to track, record and validated the amount of water used on a incident. It's not intended to review the performance of equipment using the water on an incident.

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:

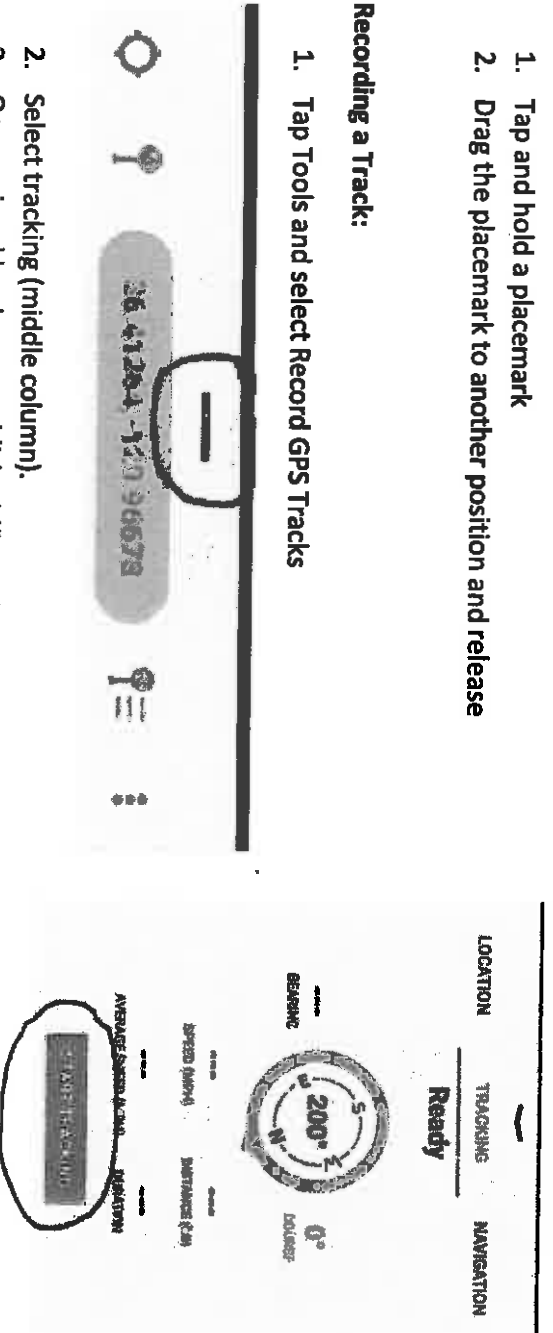
1. Tap the placemark on the map to display the label
2. Tap icon on the placemark label to see details about the placemark
3. On the placemark detail screen, you can change the placemark title, icon, enter a description, add photos, edit the location coordinate, and edit attribute schema.

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



->

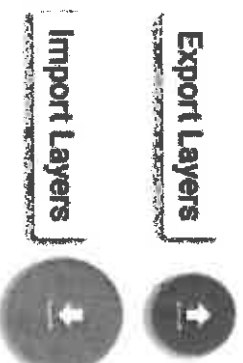


or



Edit

->



Email the .kml files to CalFireIMT4GIS@gmail.com

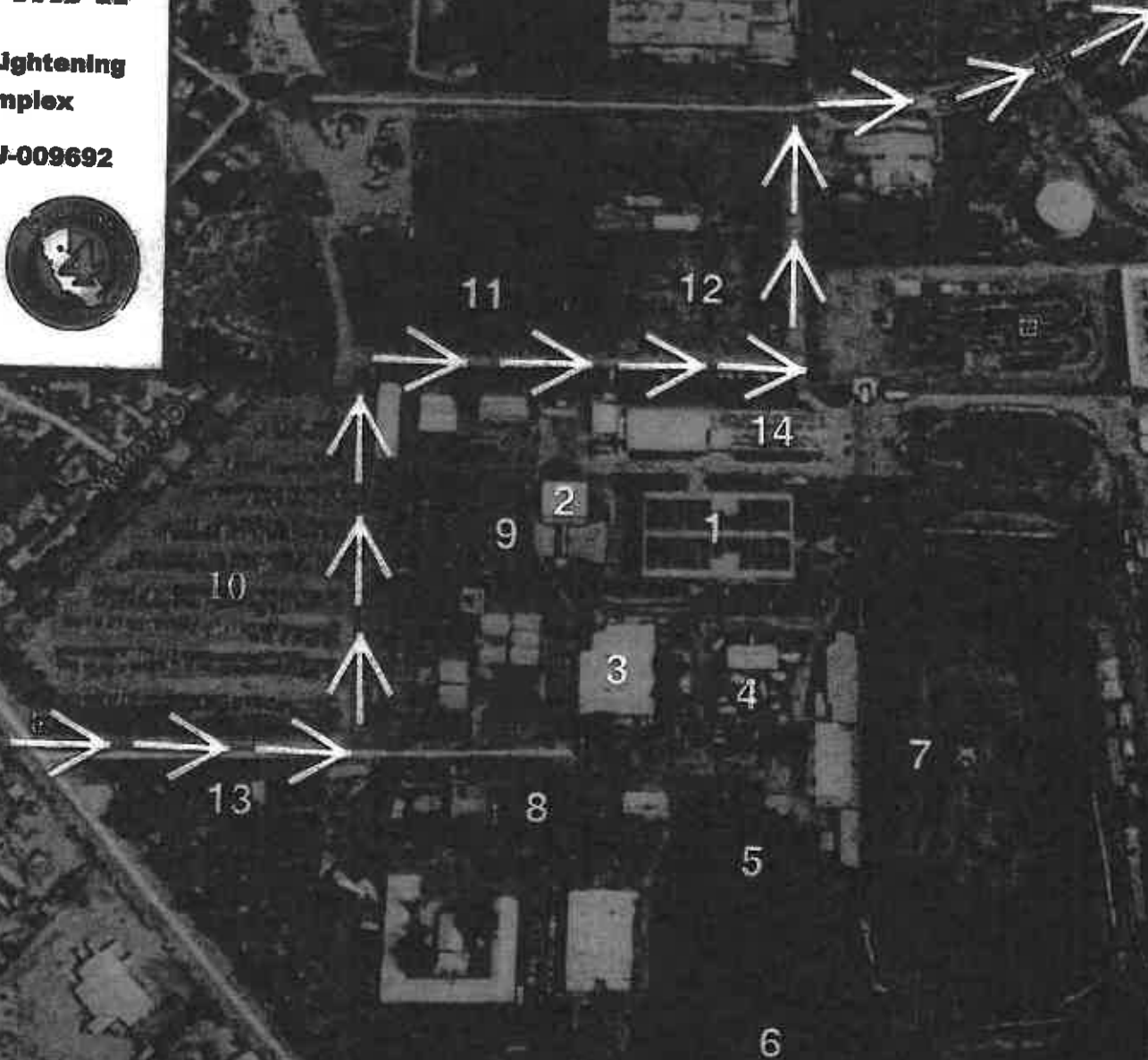
ICP MAP

Butte Lightning
Complex

CABTU-009692



1. Feeding
2. Supply Ordering
3. Check-In Time
Finance
Motels
4. Med Unit
5. Showers
Laundry
6. CDCR Sleeping
7. Type 2
Crew Sleeping
8. Liaison
Safety
Facilities
9. Overhead Parking
10. Equipment Parking
11. Fuel/Overflow
Parking
12. Transportation
13. PIO
14. CCC Sleeping



Travel Map Butte North

BTU/TGU Lightning
Complex
CA-BTU-009692



From ICP to Station 23:

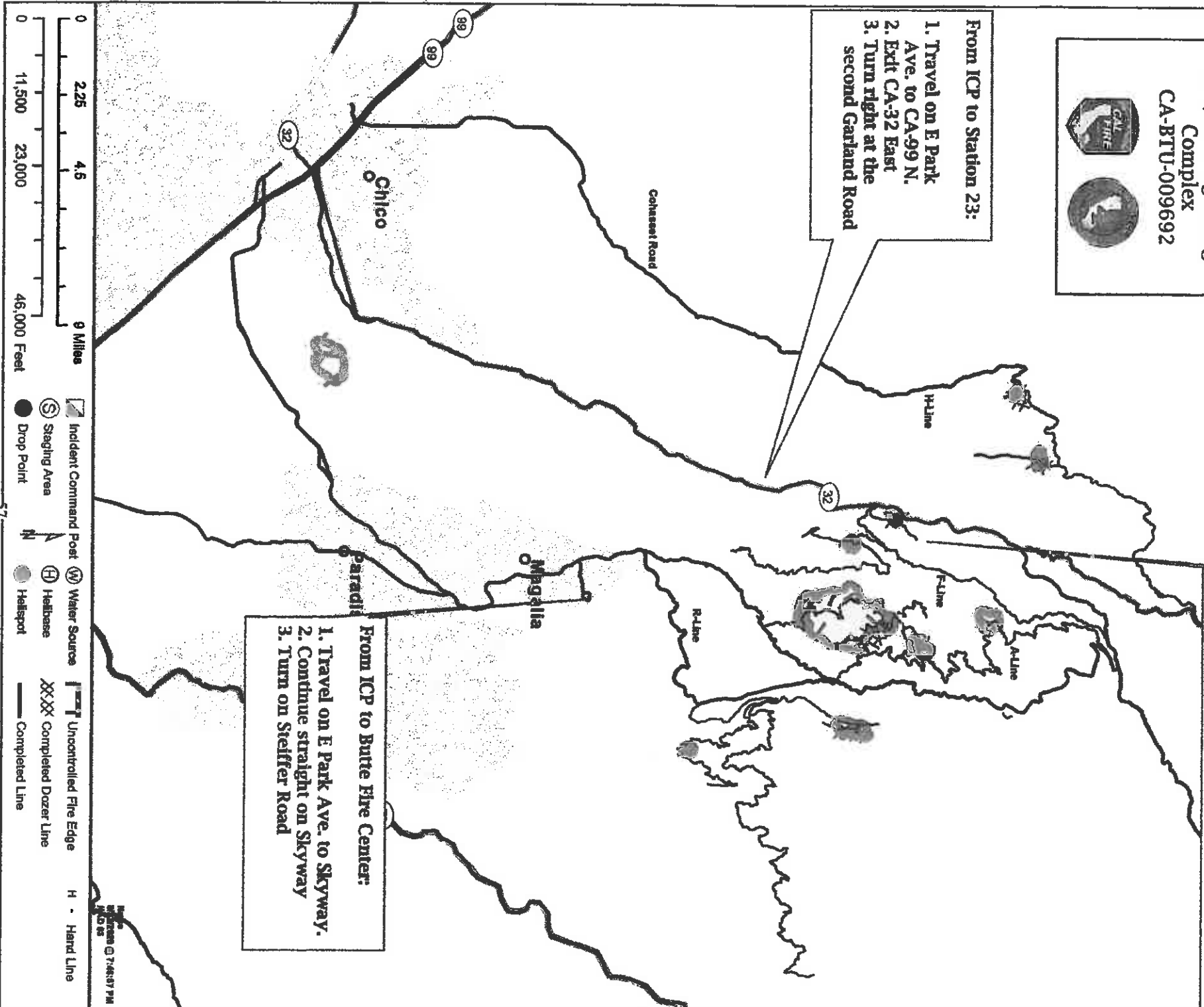
1. Travel on E Park Ave. to CA-99 N.
2. Exit CA-32 East
3. Turn right at the second Garland Road

From Butte Fire Center to Fires off Powellton Rd:

1. Turn Right on Skyway.
2. Turn left on Powellton Rd
3. Access through various SPI roads

From ICP to Butte Fire Center:

1. Travel on E Park Ave. to Skyway.
2. Continue straight on Skyway
3. Turn on Steffler Road



Map
DATE: 08/05/05
TIME: 7:46:37 PM

Travel Map Butte South

BTU/TGU Lightning Complex
CA-BTU-009692



From Station 51 to 5-6:

1. Turn left on Lumpkin Rd
2. Turn onto the C-line

From ICP to Station 51:

1. Travel on E Park Ave. to CA-99 S.
2. Continue on CA-99 S to CA-149 S to CA-70 S
3. Take CA-162 E to Forbestown Rd
4. Turn left onto Lumpkin Road

0 5 10 20 Miles



0 18,500 37,000 74,000 Feet

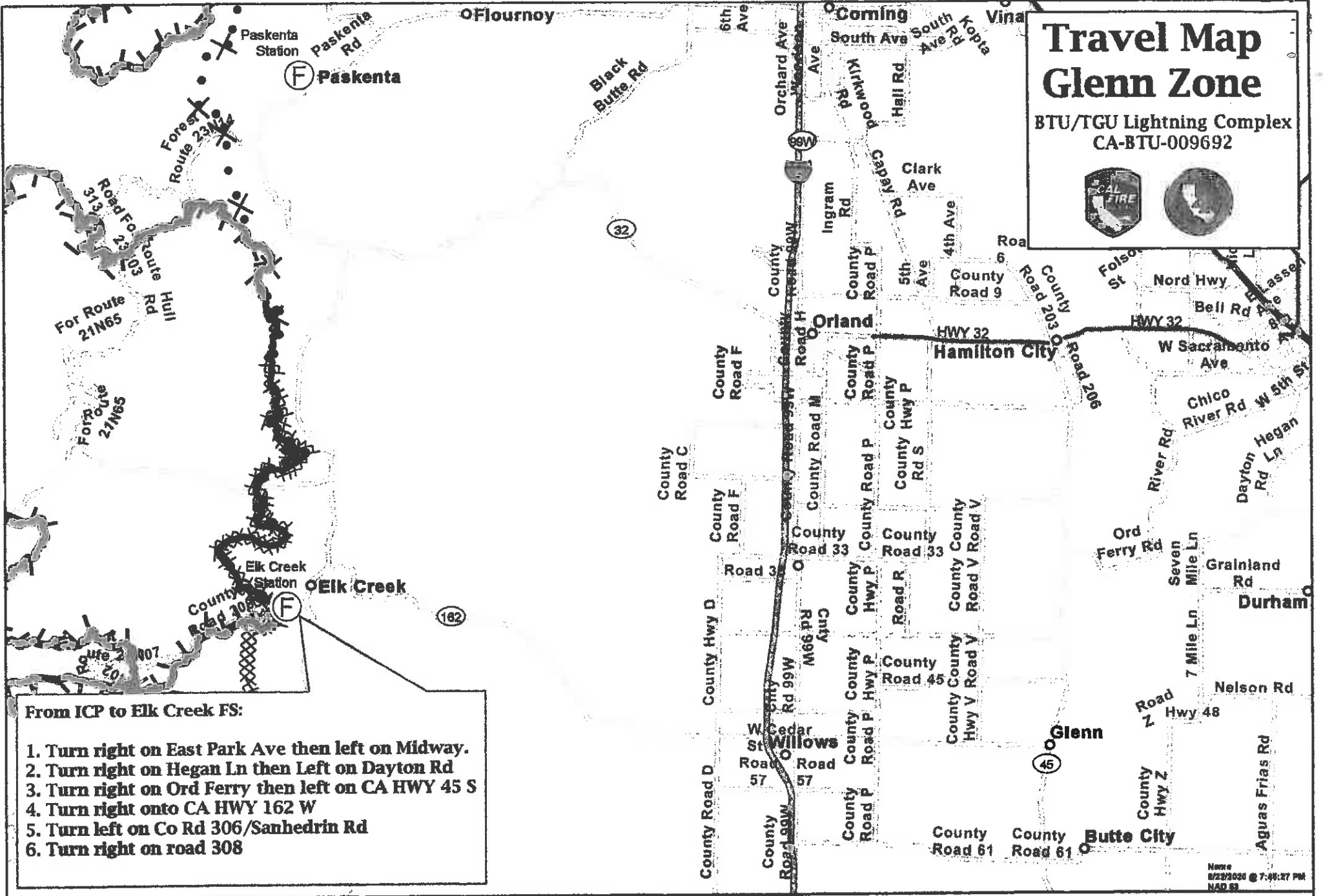


- | | | | |
|-----------------------|--------------|------------------------|-----------|
| Incident Command Post | Water Source | Uncontrolled Fire Edge | Hand Line |
| Staging Area | Helibase | Completed Dozer Line | |
| Drop Point | Helispot | Completed Line | |

Name
0/2/2020 @ 7:49:52 PM
MAD 43

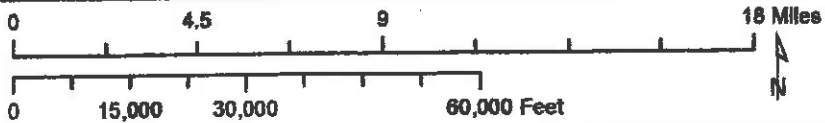
Travel Map Glenn Zone

BTU/TGU Lightning Complex
CA-BTU-009692



From ICP to Elk Creek FS:

1. Turn right on East Park Ave then left on Midway.
2. Turn right on Hegan Ln then Left on Dayton Rd
3. Turn right on Ord Ferry then left on CA HWY 45 S
4. Turn right onto CA HWY 162 W
5. Turn left on Co Rd 306/Sanhedrin Rd
6. Turn right on road 308



- [Square with diagonal lines] Incident Command Post
- [Circle with W] Water Source
- [Thick line] Uncontrolled Fire Edge
- [Dashed line] Hand Line
- [Circle with S] Staging Area
- [Circle with H] Helibase
- [XXXX pattern] Completed Dozer Line
- [Solid line] Completed Line
- [Circle with dot] Drop Point
- [Circle with dot] Helispot

From ICP to Red Bank FS:

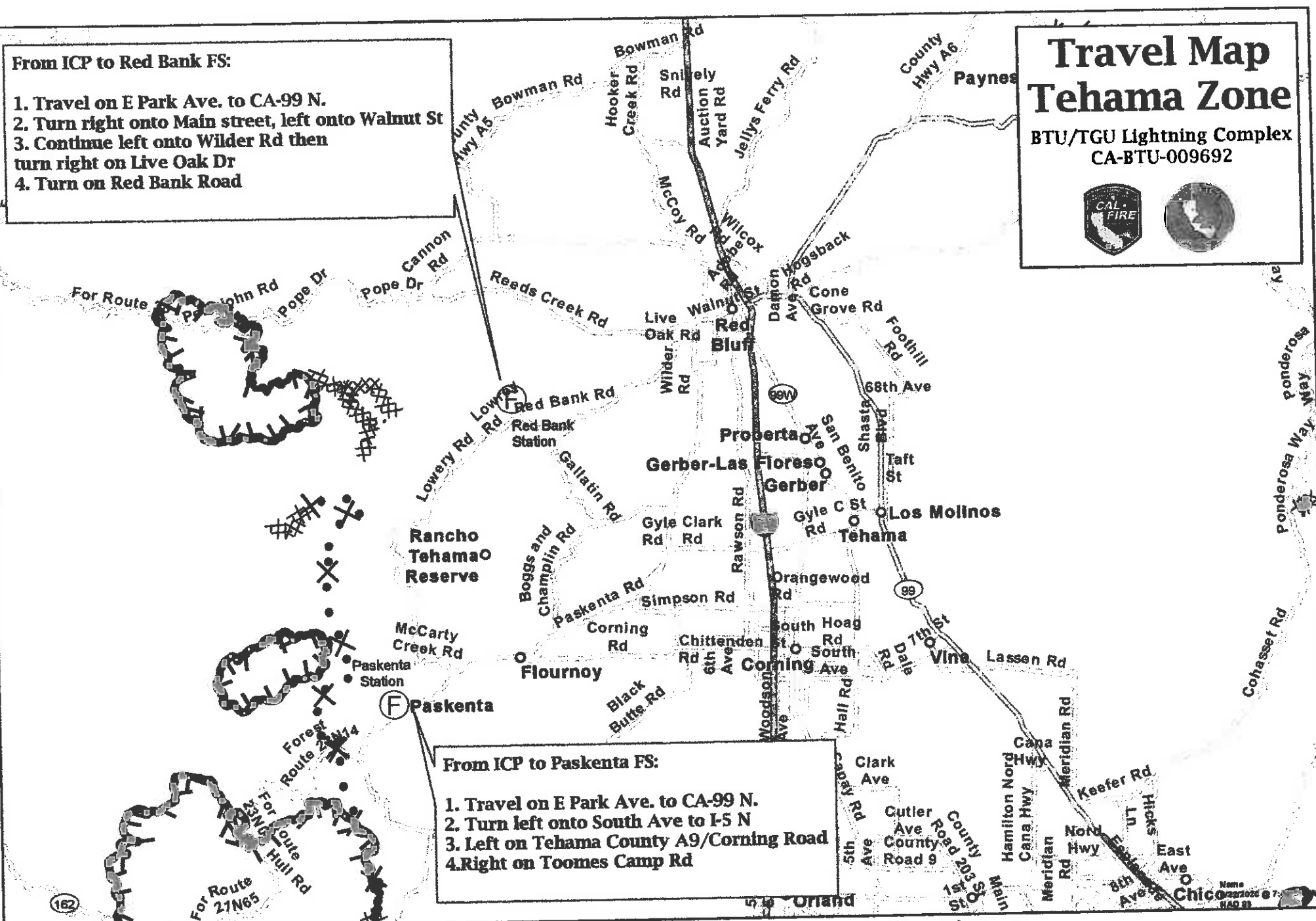
1. Travel on E Park Ave. to CA-99 N.
2. Turn right onto Main street, left onto Walnut St
3. Continue left onto Wilder Rd then turn right on Live Oak Dr
4. Turn on Red Bank Road

Travel Map

Tehama Zone

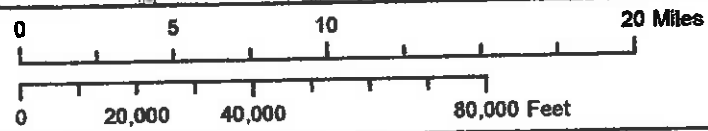
BTU/TGU Lightning Complex
CA-BTU-009692













From ICP to Paskenta FS:

1. Travel on E Park Ave. to CA-99 N.
2. Turn left onto South Ave to I-5 N
3. Left on Tehama County A9/Corning Road
4. Right on Toomes Camp Rd



 Incident Command Post	 Water Source	 Uncontrolled Fire Edge	 H - Hand Line
 Staging Area	 Helibase	 Completed Dozer Line	
 Drop Point	 Helispot	 Completed Line	

Map Date: 12/2003 © 7-11-03
NAO 93

