

INCIDENT ACTION PLAN

LNU LIGHTNING COMPLEX

CA-LNU-013407

Thursday



OPERATIONAL PERIOD

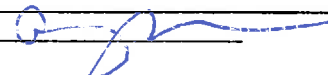
8/20/2020 0700

to

8/21/2020 0700



ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: LNU LIGHTNING COMPLEX		2. Operational Period: Date From: 8/20/2020 Time From: 0700		Date To: 8/21/2020 Time To: 0700	
3. Incident Commander(s) and Command Staff:			7. Operation Section:		
IC/UC's	Sean Kavanaugh	Operations	Chris Waters		
Deputy	R. Meyers / N. Casci / B. Carter	Deputy Operations	Abdul Ahmad		
Safety Officer	Chad Thompson				
Information Officer	Jeremy Rahn	Infrastructure	Chris Post		
Liaison Officer	S. Walker / K. Pack	Branch	See 203A		
4. Agency/Organization Representatives:		Division/Group			
Agency/Organization	Name	Division/Group			
LNU Line Officer	Mike Parkes	Division/Group			
Napa County Chief	Geoff Belyea	Division/Group			
Napa E.O.C	Chris Schow	Division/Group			
OES	Mark Courson	Branch			
BLM	Jeff Tunnell	Division/Group			
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		Branch			
		Division/Group			
5. Planning Section:		Division/Group			
Chief	Andrew Murphy	Division/Group			
Deputy	Jeff Windham / Roger Noon	Division/Group			
Resource Unit	Greg Padilla / Stan Atchison	Division/Group			
Situation Unit	Keith Tsudama	Branch			
Documentation Unit		Division/Group			
Demobilization Unit	Matt Brady / Stuart Sharp	Division/Group			
GISS	Fred Postler	Division/Group			
FBAN	Robbie Clark	Division/Group			
IMET	Tom Wright	Division/Group			
Training Tech Spec	Claudia Soiza	Air Operations Branch		Director:	Mike Deacon
Crew Tech Spec	Rob Wettstein	Air Support Group Supervisor			
		Air Tactical Group Supervisor		Jake Serrano	
6. Logistics Section		Helibase Manager			
Chief	K. Lowe / M. Ferguson				
Supply Unit	Matt Siebecke	8. Finance/Administration Section:			
Facilities Unit	Scott Irvine	Chief	Chuck Carrol		
Ground Support Unit	Michael Esparza	Time Unit	Micah McConnell		
Communications Unit	John Aguilera	Procurement Unit	Josh Shifrin		
Medical Unit	Justin Vanderhulst	Comp/Claims Unit	Cesar Nerey		
Motel Unit	Paul Pumarejo	Cost Unit	Michele Patton		
Prepared By: Name: Andrew Murphy		Position/Title: PSCI		Signature: 	
ICS 203		Date/Time: 8/19/2020 2300 hours		<small>NIMS IAP</small>	



Fire Weather Forecast

THURSDAY AUG 20, 2020



FORECAST NO: 2
PREDICTION FOR: Thursday
SHIFT DATE: August 20, 2020
ISSUED: 1900, Aug 19, 2020

NAME OF FIRE: LNU COMPLEX
UNIT: LNU
Incident Meteorologist: Tom Wright

***** CONTINUED HOT, DRY, BREEZY TODAY *****

DISCUSSION: Hot and dry weather continues today, and breezy west-northwest winds will develop again this afternoon and lead to critical fire weather conditions. Northwest winds will be gusty through the valley locations, but the strongest winds will be over the ridges, gaps, and saddles.

THURSDAY:

- **WEATHER:** Mostly sunny.
- **WIND (20 FT):** Valleys: Light and variable through 1100 then becoming northwest 5-10 MPH with gusts to 15 MPH. Ridges and gaps: northwest 5-10 MPH through 1100 then becoming west-northwest 10-15 MPH with gusts to 20 MPH.
- **MAX TEMPERATURES:** bottom: 92-97, top: 88-93.
- **MIN RH:** bottom 20-25%, top 25-30%.

Branch X: Winds: North-northwest 10-20 MPH with gusts to 30 MPH. Min RH: 25-30%. Highs 83-88.

THURSDAY NIGHT:

- **WEATHER:** Mostly clear.
- **WIND (20 FT):** Valleys: becoming light and variable. Ridges: west 5-10 MPH.
- **MIN TEMPERATURES:** 65-70.
- **MAX RH:** Valleys 70-80%, ridges: 40-50%.

Branch X: Winds: North-northwest 8-13 MPH. Max RH: 50-55%. Lows 60-65.

FRIDAY:

- **WEATHER:** Mostly sunny.
- **WIND (20 FT):** Valleys: Light and variable through 1100 then becoming west-northwest 5-10 MPH with gusts to 15 MPH. Ridges and gaps: northwest 5-10 MPH through 1100 then becoming west-northwest 10-15 MPH with gusts to 20 MPH.
- **MAX TEMPERATURES:** bottom: 92-97, top: 88-93.
- **MIN RH:** 25-30% all areas.

Branch X: Winds: North-northwest 10-15 MPH with gusts to 20 MPH. Min RH: 30-35%. Highs 83-88.

LONG TERM TRENDS

Saturday and Sunday: Little change. **Monday:** Slight chance of thunderstorms.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 2	TYPE OF FIRE: WILDLAND FIRE
FIRE NAME: LNU Lightning Complex	OPERATIONAL PERIOD: 08/20/20 – 08/21/20 24hr
DATE ISSUED: 08/19/20	TIME ISSUED: 2200hrs
UNIT: LNU	SIGNED: Robert Clark <i>RCLARK</i> Typed/printed: Robert Clark FBAN(t)

INPUTS

WEATHER SUMMARY: ***See official forecast*** **HOT, DRY, WINDY**
Sky/ Weather.... Mostly sunny
Max Temperatures...92-97 Min Humidity... bottom 20-25%, top 25-30%.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Fuels throughout the complex area are critically dry with the area in severe drought stage with 1000hr fuels near record low levels and ERC's above the 90th percentile. Fuels are highly receptive to ignition from embers or lightning holdovers. Plume dominated fire behavior will be highly possible again over most of the complex and highly active fire behavior should be expected. Roll out and tree torching is probable, and will contribute to the spotting potential.

Grass- Head- ROS 40-110 ch/hr FL 6-10 ft, Flank- ROS 25-75 ch/hr FL 5-7 ft

Light Brush- Head- ROS 9-20 ch/hr FL 6-10 ft, Flank- ROS 7-14 ch/hr FL 5-7 ft

Heavy Brush- Head- ROS 70-140 ch/hr FL 12-25 ft, Flank- ROS 53- 130 ch/hr FL 8-22ft

Timber Understory- Head – ROS 12-25 ch/hr FL 7-11 ft, Flank- ROS 9-20 ch/hr FL 8-10 ft

Timber Litter- Head- ROS 9-20 ch/hr FL 4-7 ft, Flank- ROS 6-15 ch/hr FL 3-5 ft

*Greater rates of spread and flame lengths are possible when wind and slope are in alignment.

Probability of Ignition: up to 80% **Spotting Distance:** Spotting up to ½ mile. Under the strongest wind gusts, spotting is possible up to 1 mile.

SPECIFIC:

West Zone- Fuels in this zone are mostly Pine and Redwood timber and understory with grass areas present along most ridges.

Wallridge fire will continue to burn to the southeast towards Rio Nido, Hacienda, and the Hwy 101 corridor.

Meyers fire will continue to burn towards the southeast along the coastal ridges.

North Zone- Morgan fire is burning in grass, brush, and oak woodland. It has merged with the Gamble fire on the north end. It will continue to burn towards the south, west of Lake Berryessa, and east towards Hwy 16 and the valley floor.

The Aetna fire is burning in grass, brush and oak woodland. It will continue to burn south towards Three Peaks and Angwin and southeast into Pope Valley. North Slopes of Three Peaks have a timber component.

South Zone- Fire will continue to spread to the east and south. Lighter fuels are present on the lower slopes. Watch for fire spread to the north along the east facing Vaca and Blue Ridge ranges influenced by the local valley winds.

AIR OPERATIONS: Smoke from area fires may limit aircraft use.

SAFETY

Escape routes and safety zones are a must, especially with the extremely dry fuels and observed extreme fire behavior!

Watch for fire-weakened trees/branches falling after extended burn-out times of heavy fuels.



LIGHTNING COMPLEX SAFETY MESSAGE

Maintain Situational Awareness

INCIDENT: Lightning Complex CA-LNU-013407 | DATE: August 20, 2020 | TIME: 0700-0700

Major Hazards and Risks: Extreme fire behavior, Hot dry weather, Limited resources.

Extreme Fire Behavior: Fuels are receptive to fire spread. A small amount of wind on this dry fuel changes fire behavior dramatically!! Be alert to changes in wind direction and expect changes in fire behavior. Watch for spot fires outside the control lines and embers cast into structures during Structure Defense.

Personnel: Manage yourself and those around you for fatigue. Drink fluids frequently and eat nutritious food regularly. As fatigue increases, injuries tend to increase also. Keep an eye on your crew and partner. Stay engaged and make smart decisions.

Fatigue: Limited resources and hot, dry, windy weather for the next several days. Be alert for signs of fatigue and take breaks as necessary. Be alert for signs of fatigue in yourself and others.

Driving: Slow Down! Drive defensively. Narrow winding roads. Expect the unexpected around every curve. Drive with headlights and seatbelts on. Coordinate your movements on one-lane roads.

Downed powerlines: Follow Powerline Safety guidelines in the IRPG, watch out for burned out power poles.

Hazard trees: Survey your work areas for hazard trees, flag and restrict access, use only qualified personnel for tree felling. Dead trees from bug kill. Review and follow Hazard Tree Safety in your IRPG.

Steep slopes/rolling material: Watch your footing while hiking in steep terrain. Be careful of loose rolling debris. Maintain Situational Awareness.

Review your ICS 206 and know what to do in the event of an (IWI).

Lookouts, Communication, Escape routes, Safety zones

Tailgate Safety

- **Accountability:** everyone checks in and everyone checks out. Supervisors know where their crews are at all times
- **Communication:** everyone knows the com-plan
- **Briefing:** everyone knows the plan and the contingency plan
- **Safety gear:** All safety gear in good working condition
- **LCES:** they are clear and made known to everyone

Covid-19 Precautions:

- Keep your distance. Wear a mask when less than 6' from other people.
- Wash your hands
- No group gatherings without masks
- Don't show up to work sick
- Do daily health evaluations on your personnel each day.

Incident Safety Officer: Chad Thompson

Incident Commander: Sean Kavanaugh



LIGHTNING COMPLEX INCIDENT RISK ANALYSIS (ICS 215a)

DIV	HAZARDOUS ACTIONS/CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	EXTREME FIRE BEHAVIOR	Review Wildland Urban Interface Firefighting in the IRPG. Monitor current weather conditions and forecasts. Make sure all personnel receive a briefing every shift. Work within your capabilities when limited resources are available. Maintain adequate escape routes and safety zones. Set trigger points when appropriate. Adhere to the 10 Fire Orders, mitigate 18 Situations, and use Structure Defense Tactical Actions when protecting structures.
ALL	STEEP TERRAIN / ROLLING DEBRIS	Watch your footing while hiking in steep terrain. Be careful of loose rolling debris Maintain Situational Awareness and separation.
ALL	THUNDERSTORM / LIGHTNING	Thunderstorms bring sudden reverse in wind direction and increase in wind speed. Take precautions when you hear thunder, not when the storm arrives. Take shelter in vehicle or building if possible. Find a low spot away from tall trees and don't group together. Don't stay on ridge tops. Follow <i>Thunderstorm Safety</i> guidelines in the IRPG.
ALL	FATIGUE / HEAT / DEHYDRATION	During periods of hot/dry weather with limited resources be alert for signs of fatigue and take breaks as necessary. Monitor incoming resources for level of fatigue. Drink water before, during and after shifts, up to 1.5 gal. per shift. Be alert for signs of heat stress in yourself and others; use the buddy system. Eat small meals often and when possible.
ALL	COVID 19	Maintain 6' distance whenever possible. Utilize masks, frequent hand washing/sanitizing, disinfect common surfaces, follow Napa County Public Health Guidelines. Monitor for symptoms, follow reporting procedure.
ALL	BACKFIRING and BURNOUT OPERATIONS	Before beginning a backfiring or burnout operation, ensure that: Lookouts are posted, communications are established with both firing and holding teams, escape routes and safety zones are established and not compromised by the firing operations. Ensure approval and relay to all adjoining forces. Follow the Firing Operations Checklist. Wear full PPE.
ALL	DOZER SAFETY	Watch for rolling material. Monitor safe working distances. Avoid working below a Dozer. Utilize communication with the operator (radio or hand signals) Watch for signs indicating buried high-pressure gas lines, stay out of the dust.
ALL	POWER LINES	Follow <i>Powerline Safety</i> guidelines in the IRPG. Communicate power line hazards to immediate supervisor. Flag area around downed power lines and deny access. Treat all downed power lines as energized.
ALL	AIRCRAFT OPERATIONS	Monitor air-to-ground frequency, they are your eyes in the sky. Use air-to-ground frequency to communicate with aircraft. Use clear, concise statements when directing aircraft.
ALL	HAZARD TREES	Identify and isolate the area to provide for safety of others. Flag and make the proper notifications. Evaluate all trees prior to working under or near them. Don't fall any tree outside of your qualification.
ALL	LINE CONSTRUCTION	Conduct thorough briefing for all personnel. Ensure LCES in place prior to engagement. Establish adequate safety zones. Use Downhill Line Checklist. Utilize Risk Management Process (IRPG).
ALL	DRIVING	Drive defensively! Narrow winding roads are hazardous. Slow Down. Drive with headlights on and seatbelts on. Be alert for heavy trucks and high speed opposing traffic crossing into your lane. Use warning devices when operating near traffic.
Incident Name: Lightning Complex ICS 215a		DATE PREPARED: August 19, 2020 1845hrs Prepared by: Chad Thompson SOF1
		OPERATIONAL PERIOD 08-20-2020 0700-0700

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION//BASIC

1. Incident Name: LNU LIGHTNING COMPLEX	2. Operational Period: Date From: 08/20/20 Date To: 08/21/20 Time From: 0700 Time To: 0700	3. Branch Division X D Page 1 of 1 Delta
4. Operations Personnel: Operations Section Chief: Chris Waters Branch Director: Marshall Turbeville Division/Group Supervisor:		WEST ZONE WALLBRIDGE FIRE Night Ops: Branch Safety: Air Attack: Jake Serrano

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location	
STA						0700-0700		
STA						0700-0700		
STC						0700-0700		
STF						0700-0700		
ENG3 LNU E1475					E-188	0700-0700		
STG						0700-0700		
STG						0700-0700		
STL NEU 9278L			PINOCHI, MIKE	9	E-341	0700-0700		
DOZ2 PVT E6-10					E-6	0700-0700		
DOZ2 PVT E-11 PETERSON			SCHAFFER, MATT	2	E-11	0700-0700		
W/T2 CAL 19			OROZCO, JAMIE	2	E-9009	0700-0700		
W/T1 PVT E-10			HUMPHERY, MARC	2	E-12	0700-0700		
W/T1 PVT E-12 - FIVE STAR						0700-0700		
W/T1 PVT E-293 - CLASS					E-293	0700-0700		
HEQB						0700-0700		

6. Work Assignments:
 Provide for Fire Fighter and public safety.
 Support evacuation operations.
 Conduct suppression operations when safe and feasible.
 Provide for structure defense.

7. Special Instructions:
Division Delta is located on the Wallbridge Fire.

8. Communications								
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
NIFC C12	1	COMMAND	See 205 for appropriate channel and tones.					
CDF T26		TACTICAL	159.2925	192.8 (T16)	159.2925	192.8 (T16)	WALLBRIDGE	
CDF T24	14	TACTICAL	151.3325	192.8 (T16)	151.3325	192.8 (T16)	AIR TO GROUND	
CALCORD	13	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	EMS COORDINATION	
GUARD	16	EMERGENCY	168.6250		168.6250	110.9 (T1)	EMERGENCY USE ONLY	

9. Prepared by: Name:	Greg Padilla	RESL	Signature:
ICS 204	Date/Time: 8/19/2020	2200	Personnel Count: 15

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION//BASIC

1. Incident Name: LNU LIGHTNING COMPLEX	2. Operational Period: Date From: 08/20/20 Date To: 08/21/20 Time From: 0700 Time To: 0700	3. Branch Division X F
4. Operations Personnel: WEST ZONE WALLBRIDGE FIRE		Page 1 of 1 Foxtrot

Operations Section Chief: Chris Waters	Night Ops:
Branch Director: Marshall Turbeville	Branch Safety:
Division/Group Supervisor:	Air Attack: Jake Serrano

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **					
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
STA						0700-0700	
STA						0700-0700	
STA						0700-0700	
STA						0700-0700	
STC						0700-0700	
STC						0700-0700	
STC						0700-0700	
STC						0700-0700	
ENG3 1480						0700-0700	
STG						0700-0700	
STG						0700-0700	
DOZ2 PVT E-12 - WADDINGTN					E-12	0700-0700	
DOZ2 PVT E-15 - IRON HOG					E-15	0700-0700	
DOZ PVT E-20				3	E-20	0700-0700	
DOZ2 PVT E-317 - NOR CAL			DORR, JACOB	2	E-317	0700-0700	
W/T1 NPA 18					E-206	0700-0700	
HEQB						0700-0700	

6. Work Assignments:
 Provide for Fire Fighter and public safety.
 Support evacuation operations.
 Conduct suppression operations when safe and feasible.
 Provide for structure defense.

7. Special Instructions:
Division Foxtrot is located on the Wallbridge Fire.

8. Communications							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
NIFC C12	1	COMMAND	See 205 for appropriate channel and tones.				
CDF T27	5	TACTICAL	159.3075	192.8 (T16)	159.3075	192.8 (T16)	WALLBRIDGE
CDF T24	14	TACTICAL	151.3325	192.8 (T16)	151.3325	192.8 (T16)	AIR TO GROUND
CALCORD	13	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	EMS COORDINATION
GUARD	16	EMERGENCY	168.6250		168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Greg Padilla	RESL	Signature:
ICS 204	Date/Time: 8/19/2020 2200	Personnel Count: 5

MEDICAL PLAN (ICS 206)

1. Incident Name: LNU LIGHTNING COMPLEX	2. Operational Period: Date From: 8/20/20 Date To: 8/21/20 Time From: 0700 Time To: 0700
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3. Medical Aid Stations:			
Name	Location	Contact Number/Freq	Paramedics
MERT	Konocti Camp	530-227-1742	Yes
CAL MAT (Treatment & Supplies)	ICP (Golf Course)	916-257-0492	Yes

4. Transportation (indicate air or ground):			
Ambulance Service	Location	Contact Number	Level of Service
AMR Medic 72	Hennessy Fire	Complex Communications	ALS
AMR Medic 73	Gamble Fire	Complex Communications	ALS
AMR Medic 74	Spanish Fire	Complex Communications	ALS
AMR Medic 75	Morgan Fire	Complex Communications	ALS
Medic Ambulance Medic 80	Hwy 80 X Manuel Campos Pkwy	Complex Communications	ALS
AMR Medic 743	Myers Fire	Complex Communications	ALS
AMR Medic 744	Wall Bridge Fire	Complex Communications	ALS
Cal Fire C-104 (Day Hoist)	Helibase	Complex Communication	BLS
Guard Medivac (Shared Resource)	Redding Air Port	ECC	ALS
Reach Air	Napa / Santa Rosa	ECC	ALS

5. Hospitals:							
Hospital Name	Address, Lat & Long Helipad	Contact Number(s)/ Frequency	Travel Time		Trauma Center	Burn Center	Helipad
			Air	Ground			
Adventist Health St Helena	10 Woodland Road, Saint Helena, CA 94574, Lat/Long: 38.5425501, -122.4748268	(707) 963-3611	00:03	00:25		<input type="checkbox"/>	<input type="checkbox"/>
Queen of the Valley Medical Center	1000 Trancas Street, Napa, CA 94558, Lat/Long: 38.324482, -122.2971094	(707) 252-4411	00:05	00:34	Level 3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Santa Rosa Memorial Hospital	1165 Montgomery Dr., Santa Rosa, CA 95405, Lat/Long: 38.4437589, -122.7011068	(707) 546-3210	00:09	01:00	Level 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
University of California, Davis Medical Center	2315 Stockton Blvd., Room 4206, Sacramento, CA 95817, Lat/Long: 38.5549492, -121.4546344	(916) 734-2011	00:19	01:18	Level 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Kaiser Permanente	1 Quality Dr Vacaville, CA 95688 Lat/Long: 38.3887500, -121.9404167	707-624-4000	0:05	0:20		<input type="checkbox"/>	<input checked="" type="checkbox"/>

6. Special Medical Emergency Procedures	
<p>Line Emergency Crew Supervisor will contact Division Supervisor with patient complaint/condition and location.</p> <p>- Division Group Supervisor Contacts:</p> <ol style="list-style-type: none"> 1. Closest EMS resource 2. Communications Unit <p>- Communications Unit Contacts:</p> <ol style="list-style-type: none"> 1. Ground or Air ambulance as requested. 2. Operations 3. Safety 4. Medical Unit <p>- Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel.</p> <ol style="list-style-type: none"> 1. A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of the emergency. <p>- Communications Unit will clear the Command channel for emergency traffic as needed for duration of the need.</p> <p>Camp Emergency Contact Medical Unit with patient complaint/condition and location. Medical staff will respond to stabilize the patient.</p> <p>- Medical Unit contacts</p> <ol style="list-style-type: none"> 1. Communications 2. Safety 3. Logistics 4. Operations 5. Crew Supervisor 6. Comp/Claims 	<p>Injury Reporting Procedures</p> <p>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 _____</p> <p>All Emergencies - Secure the area and identified witnesses for later investigation. Keep accurate log of events.</p>

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

7. Prepared by (Medical Unit Leader): Justin Vanderhulst Signature:

8. Approved by (Safety Officer): Chad Thompson Signature:

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name: LNU LIGHTNING COMPLEX BRANCH X

2. Date/Time Prepared: Date: 08/19/2020 Time: 1930

3. Operational Period: Date From: 08/20/20 Date To: 08/21/20
Time From: 0700 Time To: 0700

4. Communications									
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
1	COMMAND	NIFC C12	NORTH ZONE BRANCH XX	173.0375	123.0 (T2)	167.3250	123.0 (T2)	ALL NIFC COMMANDS ARE LINKED TOGETHER	
2	COMMAND	NIFC C2	WEST ZONE BRANCH X	170.4500	123.0 (T2)	168.1000	123.0 (T2)	ALL NIFC COMMANDS ARE LINKED TOGETHER	
3	COMMAND	NIFC C8	SOUTH ZONE BRANCH XXX	169.5375	123.0 (T2)	164.7125	123.0 (T2)	ALL NIFC COMMANDS ARE LINKED TOGETHER	
4	TACTICAL	CDF T26	BRANCH X DIV A, DIV D	159.2925	192.8 (T16)	159.2925	192.8 (T16)	WALLBRIDGE	
5	TACTICAL	CDF T27	BRANCH X DIV F	159.3075	192.8 (T16)	159.3075	192.8 (T16)	WALLBRIDGE	
6	TACTICAL	CDF T28	BRANCH X DIV I	151.1825	192.8 (T16)	151.1825	192.8 (T16)	MEYERS	
7	TACTICAL	VTAC14	BRANCH XX DIV K	159.4725	156.7 (T6)	159.4725	156.7 (T6)	MORGAN	
8	TACTICAL	VFIRE 24	BRANCH XX DIV M DIV P	154.2725	156.7 (T6)	154.2725	156.7 (T6)	SPANISH	
9	TACTICAL	VFIRE 25	BRANCH XX DIV R	154.2875	156.7 (T6)	154.2875	156.7 (T6)	SPANISH	
10	TACTICAL	VFIRE 26	BRANCH XX DIV T DIV W	154.3025	156.7 (T6)	154.3025	156.7 (T6)	GAMBLE	
11	TACTICAL	NIFC T1	BRANCH XX DIV Z	168.0500		168.0500		GAMBLE	
12	TACTICAL	NIFC T3	BRANCH XX DIV AA DIV CC	168.6000		168.6000		GREEN	
13	MEDICAL	CALCORD	INCIDENT WIDE	156.0750	156.7 (T6)	156.0750	156.7 (T6)	EMS COORDINATION	
14	TACTICAL	CDF T24	WEST ZONE BRANCH X	151.3325	192.8 (T16)	151.3325	192.8 (T16)	AIR TO GROUND	
15									
16	EMERGENCY	GUARD	INCIDENT WIDE	168.6250		168.6250	110.9 (T1)	EMERGENCY USE ONLY	
17									
18									
19									
20	EMERGENCY	GUARD	EMERGENCY	168.6250		168.6250	110.9 (T1)	EMERGENCY USE ONLY	

5. Special Instructions

6. Prepared by (Communications Unit Leader): Name: John McCormick COML (T)

Signature:  Date/Time: 08/19/20 1930


ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION//BASIC

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name: LNU LIGHTNING COMPLEX BRANCH XX AND XXX		2. Date/Time Prepared Date: 08/19/2020 Time: 1930		3. Operational Period: Date From: 08/20/20 Time From: 0700		Date To: 08/21/20 Time To: 0700	
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4. Communications								
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
1	COMMAND	NIFC C12	NORTH ZONE BRANCH XX	173.0375	123.0 (T2)	167.3250	123.0 (T2)	ALL NIFC COMMANDS ARE LINKED TOGETHER
2	COMMAND	NIFC C8	SOUTH ZONE BRANCH XXX	169.5375	123.0(T2)	164.7125	123.0(T2)	ALL NIFC COMMANDS ARE LINKED TOGETHER
3	COMMAND	NIFC C2	WEST ZONE BRANCH X	170.4500	123.0 (T2)	168.1000	123.0 (T2)	ALL NIFC COMMANDS ARE LINKED TOGETHER
4	TACTICAL	NIFC T5	BRANCH XXX DIV EE	166.7250		166.7250		HENNESSEY
5	TACTICAL	NIFC T6	BRANCH XXX DIV GG	166.7750		166.7750		HENNESSEY
6	TACTICAL	NIFC T7	BRANCH XXX DIV II DIV KK	168.2500		168.2500		HENNESSEY
7	TACTICAL	CDF T26	BRANCH XXX DIV MM	159.2925	192.8 (T16)	159.2925	192.8 (T16)	HENNESSEY
8	TACTICAL	CDF T27	BRANCH XXX DIV QQ	159.3075	192.8 (T16)	159.3075	192.8 (T16)	HENNESSEY
9	TACTICAL	CDF T28	BRANCH XXX DIV TT	151.1825	192.8 (T16)	151.1825	192.8 (T16)	HENNESSEY
10								
11								
12								
13	MEDICAL	CALCORD	INCIDENT WIDE	156.0750	156.7 (T6)	156.0750	156.7 (T6)	EMS COORDINATION
14	AIR TO GROUND	A/G CDF T25	NORTH & SOUTH ZONE BRANCH XX, XXX	159.2775	192.8	159.2775	192.8	AIR TO GROUND
15								
16	EMERGENCY	GUARD	EMERGENCY	168.6250		168.6250	110.9 (T1)	EMERGENCY USE ONLY
17								
18								
19								
20	EMERGENCY	GUARD	EMERGENCY	168.6250		168.6250	110.9 (T1)	EMERGENCY USE ONLY

5. Special Instructions

6. Prepared by (Communications Unit Leader): Name: John McCormick COML (T)		Signature: 
ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION//BASIC		Date/Time: 08/19/20 1930

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

Archaeological and Historic Properties: General Fire-line Guidance.

**Do not compromise safety for the protection and preservation of archaeological and historic properties.
When possible and prudent:**

1. Be on the lookout for prehistoric and historic archaeological sites. These sites typically occur adjacent to streams and springs, confluences are often especially sensitive. However, sites can occur in other areas too. The most common indicators of prehistoric sites in this area (North Coast Ranges) are scatters of shiny black obsidian flakes from tool making activities and dark midden soils. Historic-era sites include homesteads that contain foundations, rock chimneys, and stone / brick-lined wells. Historic-era mining sites are possible as well.
2. Note, that not much of the area has ever been surveyed for archaeological resources and many sites out there have yet to be discovered.
3. If you observe archaeological resources, flagged or unflagged, attempt to avoid with ground disturbing activities altogether.
4. If avoidance is not possible, minimize ground disturbance. Use a hand crew rather than a dozer to remove fuels from control lines that must cross site areas if possible.
5. Leave all artifacts in place as some may have been intentionally placed for religious or ceremonial reasons.
6. Note locations of discovered resources on a map, better yet, take site coordinates with a GPS. Leave information for the archaeologist so that the sites can be relocated and protected during Fire Suppression Repair. Flag the site in red if possible.
7. If you encounter a burial or other human remains, cease work in that area and contact the archaeologist immediately.

Your help preserving California's non-renewable cultural resources is appreciated. It is our responsibility as federal and state employees to help in the protection of our heritage – preserving these places, and artifacts for scientific, cultural, educational, spiritual, and religious uses.

Contact Information:

Christopher Lloyd
Ukiah Field Office Archaeologist
Bureau of Land Management
(707) 468-4075
crlloyd@blm.gov

Stephanie Velasquez
Senior State Archaeologist, Northern Region
CAL-Fire
(530) 224-4749 (office)
(530) 949-8822 (mobile)
stephanie.velasquez@fire.ca.gov

Ben Harris –
Associate State Archaeologist Northern Region (MEU, LNU, CZU, and SCU)
Northern Region Headquarters
135 Ridgway Avenue
Santa Rosa, CA 95401
(707) 576-2966 (office)
(707) 529-7989 (mobile)
ben.harris@fire.ca.gov



CAL FIRE INCIDENT MANAGEMENT TEAM 2



TRAINING SPECIALIST MESSAGE

The Training Specialist is now available remotely.

ALL ASSIGNED TRAINEES

working on position task books will need to register with the Incident Training Specialist in order to receive proper credit for your assignment.

Please scan the below QR Code to check in with the Training Specialist



Claudia Soiza TNSP
949.632.7813
Forms are Available upon request

In readiness is all

LNU COMPLEX FINANCE MESSAGE

- Finance is set up in trailer row.
- Suppliers drop off contracts with Time Unit.
- See Hired Equipment Tech Spec if you are not getting shift tickets.
EQTS Jason Hill 707-533-3610
- DIVS are responsible for completing hired equipment shift tickets every day.
See Shift Ticket example.
- Use of CAL CARD for off-site feeding is approved. Drop off copy of CAL CARD receipt for incident records.
- Report all injuries, vehicle damage, or property damage to COMP/CLAIM.

Finance Contacts	
FSC1 – Chuck Carroll 408-472-1612	COMP – Cesar Nerey 925-872-8559
TIME – Micah McConnell 530-635-7269	PROC – Josh Shifrin 310-487-9145

SHIFT TICKET EXAMPLE

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name	
The responsible Government Officer will complete this form each shift					Fireline Builders	
Incident or Project Name LNU Lighting Complex		Incident Number CA-LNU 13407		Request Number E-171		Operator #1 Smokey Bear
Operator #2 Sparky Dog		Agreement Number Obtain from supplier's agreement				
Equipment Make CAT		Equipment Model / Type D6H				Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government
Serial Number 6LN3344		Licence Number				Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government
Equipment Use					Equipment Status	
(Circle) Hours <u>Days</u> Miles					<input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement	
Date					Released by Government	
Mo / Day	Start	Stop	Work	Assignment		Withdrawn by Contractor
8/17	0600	2400	16	Division B		Remarks/Comments ** 2 Operators
8/18	0000	0600	8	Division B		
Vendor Rating					Govt. Rep. Name and Position - PRINT	
Poor* Avg. Good Exc. N/A					Mike Jones	
Met Performance Expectations					Govt. Rep. Signature	
Equipment in Safe Working Condition					Mike Jones	
Operator Skill Level					Contractor Signature	
Operates Safely					Smokey Bear	
Operator's Cooperation Level					Date	
Overall Performance					08/18/20	
					Time	
					0600	
* NOTE: Any rating of POOR requires an explanation in Comment Section.					CALFIRE 297	
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.					(Rev 3-2011)	
Pink - Finance		Blue - Home Unit HE Coordinator		Yellow - Vendor		White - Govt Representative

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name	
The responsible Government Officer will complete this form each shift					Fireline Builders	
Incident or Project Name LNU Lighting Complex		Incident Number CA-LNU 13407		Request Number E-256		Operator #1 Steve Hawks
Operator #2		Agreement Number Obtain from supplier's agreement				
Equipment Make CAT		Equipment Model / Type D6H				Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government
Serial Number 6LN3344		Licence Number				Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government
Equipment Use					Equipment Status	
(Circle) Hours <u>Days</u> Miles					<input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement	
Date					Released by Government	
Mo / Day	Start	Stop	Work	Assignment		Withdrawn by Contractor
08/18	0600	1800	12	Division B		Remarks/Comments ** 1 operator
Vendor Rating					Govt. Rep. Name and Position - PRINT	
Poor* Avg. Good Exc. N/A					Mike Weber	
Met Performance Expectations					Govt. Rep. Signature	
Equipment in Safe Working Condition					Mike Weber	
Operator Skill Level					Contractor Signature	
Operates Safely					Bob Smith	
Operator's Cooperation Level					Date	
Overall Performance					08/18/20	
					Time	
					0600	
* NOTE: Any rating of POOR requires an explanation in Comment Section.					CALFIRE 297	
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.					(Rev 3-2011)	
Pink - Finance		Blue - Home Unit HE Coordinator		Yellow - Vendor		White - Govt Representative



LNU LIGHTNING COMPLEX PUBLIC INFORMATION



Incident Information Line: 707-967-4207

Email pictures to: LNULightningComplex2020@gmail.com

MEDIA

California State Penal Code Section 409.5(d) allows the news media to enter scenes of disaster, riot, or civil disturbance. Properly identified members of the news media should not be restricted from entering the locations specified within the code, even if the area presents a danger to them. Media members should be advised of the nature of possible danger. Members of the media do not have the right to access crime scenes or any area where their presence may interfere with incident operations, mitigation or evidence collection.

- The media may only access private property with the property owner's permission. Fire personnel cannot provide members of the media with authorization to enter private property.
- If approached and questioned by the media and/or the public, talk about your assignment or task at hand. If need be, direct the questioning party to the incident PIO.
- Do not speculate or give opinions
- There is no such thing as an "off the record" comment.

CAL FIRE SOCIAL MEDIA POLICY (Social Media 0691)

Social Media is increasingly being used by public agencies and the media as well as the public. This form of communication continues to grow rapidly in order to supply the public's desire for instant information gratification. All personnel assigned to a CAL FIRE incident will adhere to the CAL FIRE Social Media Policy. Further information about the CAL FIRE Social Media Policy can be obtained from the Information Officer. If you are uncertain, please ask. **Do not post:**

- Inappropriate information, pictures or videos
- Opinions regarding the incident or policy
- Endorsements of any kind

PICTURES AND VIDEO OF INCIDENT

We are in a new era of media. Media no longer means the news/broadcast industry but now refers to anyone that has the capability to shoot video and or photographs and post them onto social media in a matter of minutes. Unfortunately we have seen some instances of video or photographs that have depicted unsafe, unprofessional or embarrassing circumstances which are a serious breach of ethics. When this happens it reflects poorly on all that are attached to this incident. Posting an inappropriate video, photo or blog comment could have unwanted effects. It may be unsafe to shoot photos or video and a firefighter who is concentrating on a camera can't be looking up, down and all around.

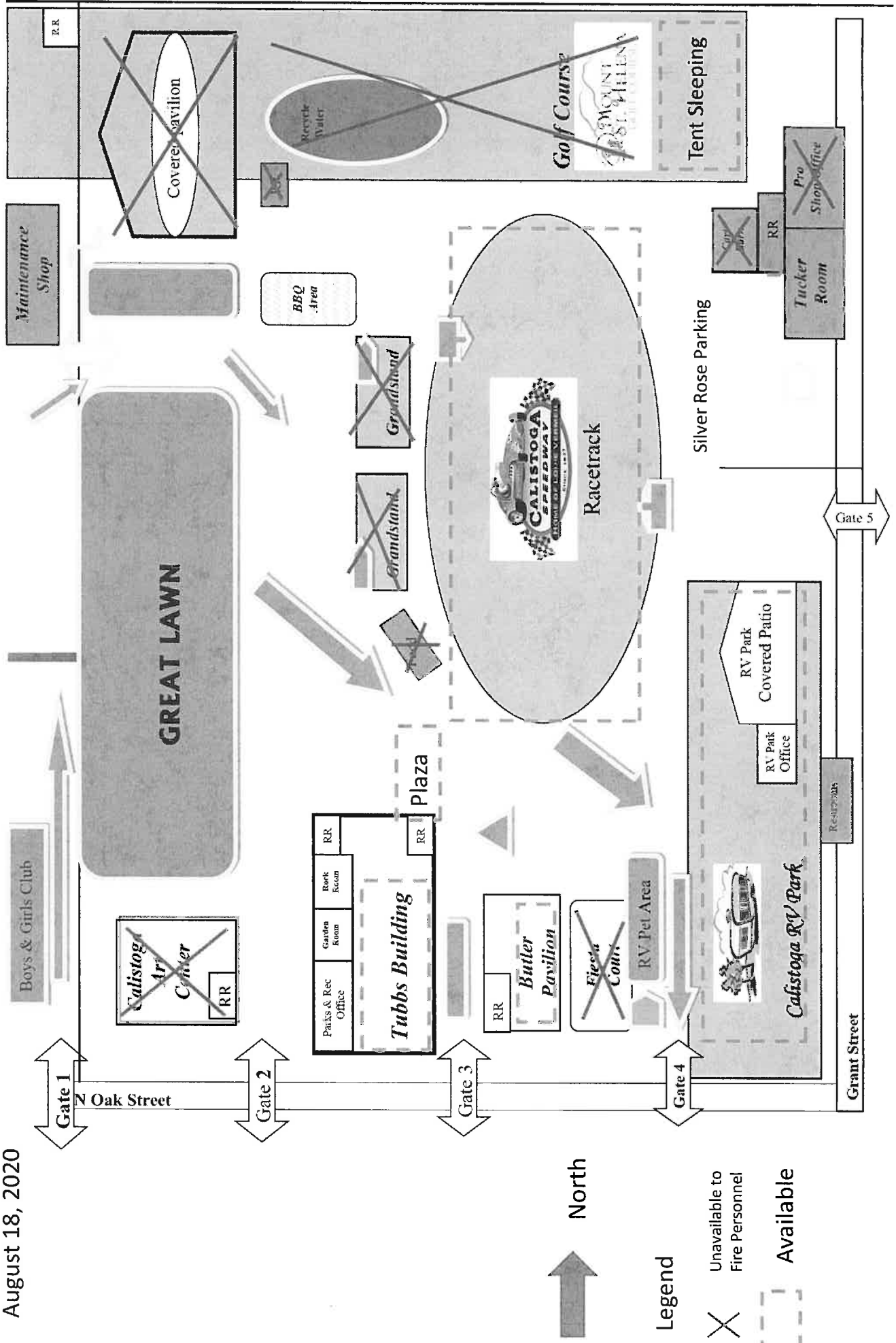
LOST AND FOUND

The Information staff will manage *Lost and Found* items for the incident. If you have lost an item, leave your contact information and what you have lost at the Information trailer. If you have found an item on the incident, bring the item to the Information trailer.

MAIL SERVICE

The Information staff will assist you in mailing and receiving letters and packages.

Facilities Map
 CA-LNU-013407
 August 18, 2020



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 ○ Sore throat
 - Chills ○ 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.nwccg.gov/coronavirus>

