

# LAKE FIRE

CA-ANF-003273  
P5NE2V (0501)

MAPS



IAP



INCIWEB



ANGELES  
*National*  
*Forest*


U. S. DEPARTMENT OF AGRICULTURE

# 3 DAY IAP


**SEPTEMBER 1-3, 2020**



## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b>	<b>2. Operational Period:</b> 3-DAY	
LAKE	Date/Time From: 09/01/2020 0700 TUE	Date/Time To: 09/03/2020 1900 THU
<b>3. Objective(s):</b>		
<p><b>Management Objectives:</b></p> <ul style="list-style-type: none"> <li>-Ensure firefighter and public safety by using strategies and tactics that mitigate known and anticipated hazards while following COVID-19 guidelines.</li> <li>-Minimize impact to cultural and natural resources.</li> <li>-Establish and strengthen cooperator, partner, and stakeholder relationships.</li> <li>-Minimize the cost of the incident by employing tactics that have the highest probability of success while minimizing firefighter exposure.</li> <li>-Implement fire suppression repair plan guidelines when conditions are appropriate.</li> </ul> <p><b>Control Objectives:</b></p> <p>Keep fire within the current containment lines.</p>		
<b>4. Operational Period Command Emphasis:</b>		
<p><b>General Situational Awareness:</b></p> <p>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 hand-washing), PPE &amp; monitoring practices help limit the infection rate of first responders.</p>		
<b>5. Site Safety Plan Required?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
<b>Approved Site Safety Plan(s) Located at:</b>		
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan):		
<input checked="" type="checkbox"/> ICS 202 <input checked="" type="checkbox"/> ICS 203 <input checked="" type="checkbox"/> ICS 204 <input checked="" type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input checked="" type="checkbox"/> ICS 206	<input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input checked="" type="checkbox"/> ICS 220 <input type="checkbox"/> Map/Chart <input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<b>Other Attachments:</b> <input checked="" type="checkbox"/> ICS 214 <input checked="" type="checkbox"/> FIRE BEHAVIOR <input type="checkbox"/> _____ <input type="checkbox"/> _____
<b>7. Prepared by:</b> ARTIE COLSON	<b>Position/Title:</b> PSC2	<b>Signature:</b>
<b>8. Approved by Incident Commander:</b>		<b>Signature:</b> 
<b>ICS 202</b>	<b>IAP Page</b>	<b>Date/Time:</b> 08/31/2020 1900

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b>		<b>2. Operational Period: 3-DAY</b>	
LAKE		Date/Time From: 09/01/2020 0700	Date/Time To: 09/03/2020 1900
		TUE	THU
<b>3. Incident Commander(s) and Command Staff:</b>		<b>7. Operations Section:</b>	
IC/UC	RON WHITE RENE VELAZQUEZ (T)	DAY OPS SECTION CHIEF	
DEPUTY		NIGHT OPS SECTION CHIEF	
SAFETY OFFICER		PLANNING OPS	
INFORMATION OFFICER		OPS SECTION CHIEF	
LIAISON OFFICER		DEPUTY OPS SECTION CHIEF	
<b>4. Agency/Organization Representative(s):</b>		STAGING AREA	
<b>Agency/Organization</b>	<b>Name</b>		
USFS / ANF	RACHEL SMITH	TFLD EAST	ALLEN BRIGGS
		TFLD WEST	RON SEYMOUR
<b>5. Planning Section:</b>		<b>7b. Air Operations Branch:</b>	
CHIEF		AIR OPS BRANCH DIRECTOR	
DEPUTY		AIR ATTACK SUPERVISOR	
RESOURCES UNIT		AIR SUPPORT SUPERVISOR	
SITUATION UNIT		HELICOPTER COORDINATOR	
DOCUMENTATION UNIT		AIR TANKER COORDINATOR	
DEMOBILIZATION UNIT		AIR OPS BRANCH DIRECTOR	
FIRE BEHAVIOR ANALYST		BARTON DORMAN	
HUMAN RESOURCE SPECIALIST			
TRAINING SPECIALIST		<b>8. Finance/Administration Section:</b>	
GIS SPECIALIST	DAVID GABALDON	CHIEF	
TECHNOLOGY SUPPORT SPECIALIST		DEPUTY	
INCIDENT METEOROLOGIST		TIME UNIT	
READ	DANNON DIRGO	JESSICA LUNA	
		PROCUREMENT UNIT	
		COMPENSATION UNIT	
		COST UNIT	
<b>6. Logistics Section:</b>			
CHIEF			
DEPUTY			
SUPPLY UNIT			
FACILITIES UNIT			
GROUND SUPPORT UNIT			
COMMUNICATIONS UNIT			
MEDICAL UNIT			
SECURITY UNIT			
FOOD UNIT			
BCMG	RICHARD WIEGAND		
<b>9. Prepared By:</b>	<b>Name:</b> SHANNON SOLIS	<b>Position/Title:</b> RESL	<b>Signature:</b>
ICS 203	IAP Page	<b>Date/Time:</b> 08/31/2020 2000	





### Fire Weather Forecast

**FORECAST NO:** 29

**NAME OF FIRE:** Lake Fire

**PREDICTION FOR:** 0600 Tue – 0600 Wed

**UNIT:** CA-ANF

**SHIFT DATE:** 9/1-9/3

**SIGNED:** 

**TIME AND DATE**

**Incident Meteorologist - Robert Rickey**

**FORECAST ISSUED:** 1800 08/31/20

**WEATHER DISCUSSION:** Expect a round of warm and dry conditions today. Temperatures will climb into the 80s and 90s, with afternoon humidity in the teens. Poor to fair humidity recovery will occur tonight. On Wednesday, strengthening high pressure will initiate a warming trend that will last into the weekend.

**WEATHER FORECAST FOR TUESDAY: \*\*\*Warm and dry\*\*\***

**WEATHER:** Sunny.

**TEMPERATURES:** Max 89-95 F ...above 4000' 83-89 F

**24 HR Trend:** Little change

**HUMIDITY:** Min 12-18% ...above 4000' 18-24%

**24 HR Trend:** Little change

**20-FOOT WIND:** NE 5-10 mph through 1100. After 1100, winds increasing to SSW 10-16 mph with gusts from 20-26 mph.

**Chance of Wetting Rain (0.10"): 0%**

**LAL: 1**

**Inversion Break Time: 1100**

**WEATHER FORECAST FOR TUESDAY NIGHT: \*\*\*Fair to poor humidity recovery\*\*\***

**WEATHER:** Mostly clear.

**TEMPERATURES:** Min 53-59 F ...above 4000' 59-65 F

**24 HR Trend:** 2 degrees warmer

**HUMIDITY:** Max 32-38% ...above 4000' 26-32%

**24 HR Trend:** Little change

**20-FOOT WIND:** W 5-10 mph with gusts from 10-15 mph.

**Chance of Wetting Rain (0.10"): 0%**

**LAL: 1**

**WEATHER FORECAST FOR WEDNESDAY: \*\*\*Hot and dry\*\*\***

**WEATHER:** Sunny.

**TEMPERATURES:** Max 91-97 F ...above 4000' 85-91 F

**HUMIDITY:** Min 15-21% ...above 4000' 21-27%

**20-FOOT WIND:** SW 11-17 mph with gusts from 21-27 mph.

**Chance of Wetting Rain (0.10"): 0%**

**LAL: 1**

**WEATHER FORECAST FOR THURSDAY: \*\*\*Hot and dry\*\*\***

**WEATHER:** Sunny.

**TEMPERATURES:** Max 93-99 F ...above 4000' 87-93 F

**HUMIDITY:** Min 15-21% ...above 4000' 21-27%

**20-FOOT WIND:** WSW 9-15 mph with gusts from 19-25 mph.

**Chance of Wetting Rain (0.10"): 0%**

**LAL: 1**



**SCAN FOR REALTIME OBS**

## 5-DAY EXTENDED FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 029	TYPE OF FIRE: Wildfire
FIRE NAME: LAKE	OPERATIONAL PERIOD: 5 Day Extended 9/1-5/2020
DATE ISSUED: August 31, 2020	TIME ISSUED: 1200
UNIT: Angeles NF, Los Angeles County	SIGNED:  Shelly Crook - FBAN

### INPUTS

#### WEATHER SUMMARY

(Refer to Weather Forecast for details) Average Daily Weather for Tuesday-Saturday: Sunny, hot, dry and breezy. Max Temp: 85-100°. Min RH: 12-20%. Slope/Valley Winds – SW 3-9 mph becoming SW to 14-20 mph with gusts to 30 mph in the PM. NIGHT: Min Temp: 55-70° Max RH: 30-60% Winds: W 5-10 mph with gusts to 20 mph.

#### FUELS

Very heavy loading of decadent brush (chaparral, ceanothus, chemise, scrub oak, Manzanita) especially on the NW and West flanks. Some pine in the drainage bottoms and mixed conifer on north aspects and ridges on the W flank. Minimum fine fuel moisture: 3-4%, 10 hour FMC: 3-5%, Live fuel moisture: 70-85%.

### OUTPUTS - FIRE BEHAVIOR

#### LOCAL THRESHOLDS FOR ACTIVE FIRE BEHAVIOR:

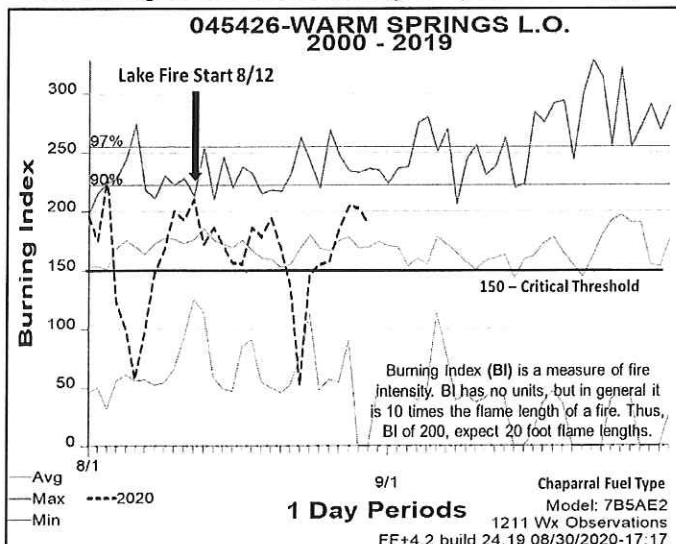
Winds (over 10 mph), RH (less than 20%), Temperature (over 90°) and BI (over 150).

*Predicted Burning Index of 170 to 220 This Week*

**ALL THRESHOLDS FOR ACTIVE FIRE BEHAVIOR WILL LIKELY BE MET THIS WEEK!!!**

For the next 5 days you can expect the fire behavior across the Lake Fire area to remain low as a result of the suppression efforts. A slight chance remains for the occasional isolated smoke within the far interior in the timber fuel type, unburned islands and drainage bottoms. Any green island within 2000 feet of the perimeter could pose a threat to the fire's perimeter if a flare up was to occur. The likelihood of any spot fires over the lines is fairly remote. The fire area has experience several days of very high fire danger without incident.

**PRIORITY AREA: DIV V, DP 19** - The mixed conifer timber fuel type on the north side of the ridge just north of DP 19 has shown heat and smoke in the interior every day since containment in that area. Monitoring of this areas during the peak burning period is advisable.



#### FORECAST FOR IA OF ANY NEW STARTS:

The weather for the next 5 days is predicted to be fairly consistent and persistent with a gradual warming trend. Thus, the maximum fire behavior potential for any new fire starts will be extremely high for the next 5 days. The predominant driving factor contributing to rapid fire spread is the wind speed followed by the minimum RH. Any spot fires or new starts have the potential to spread very rapidly reaching a size of 2000+ acres in one hour. The peak burning period is between 1200 and 1800 hours.

#### Maximum Fire Behavior Potential (Head Fire):

**\*Rate of Spread: 160-240 c/h (2-3 mph).**

**\*Flame Length: 20 - 30 ft.**

**\*Probability of Ignition: >90%.**

**\*Max spotting distance up to 1/2 mile.**

### AIR OPERATIONS



- Conditions should be favorable for air operations.

### SAFETY

- Potential for very active fire behavior, prepare a back-up plan before you need it.
- Early detection of spot fires is critical for control and to provide an increase margin of safety.
- "Eagles come in all shapes and sizes, but you will recognize them chiefly by their attitudes." Charles Prestwich Scott

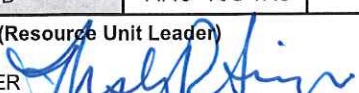
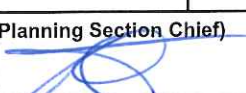


**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>			<b>3.</b>			
LAKE			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> 3-DAY					<b>EAST</b>	
Date/Time From: 09/01/2020 0700 TUE		Date/Time To: 09/03/2020 1900 THU				
<b>4. Operations Personnel</b>						
<b>TASK FORCE LEADER</b>		ALLEN BRIGGS		<b>OPERATIONS CHIEF</b>		
<b>DIVISION/GROUP SUPERVISOR</b>				<b>AIR ATTACK SUPERVISOR</b>		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CRW2 TBD PHEONIX 63 C-124		09/14	JERRY GARCIA	20	ICP/0700	ICP/1900
ENG3 ROCKY MOUNTAIN E-373		09/06	CHRIS WILSON	3	ICP/0700	ICP/1900
ENG4 PEANUT PIE ENTERPRISES, LLC E-374		09/07	SAM ELKINS	3	ICP/0700	ICP/1900
ENG6 SOLOMAN FIRE EQUIPMENT E-381		09/07	IVAN WING	3	ICP/0700	ICP/1900
ENG6 MDNR E-389		09/07	BENJAMIN OSTERLAND	2	ICP/0700	ICP/1900
WTT2 ANF 212 E-405		09/14		1	ICP/0700	ICP/1900
REAF O-10212		09/03	RUSTY KAISER	1	ICP/0700	ICP/1900
READ O-10344		09/12	LINDSEY FREITAG	1	ICP/0700	ICP/1900
ARCH O-10127		09/04	DAVID PEEBLES	1	ICP/0700	ICP/1900
ARCH O-10219		09/02	CRISTIN EMBREE	1	ICP/0700	ICP/1900
ARCH O-10128		09/04	JOANNA HUCKABEE	1	ICP/0700	ICP/1900
<b>6. Control Operations/Work Assignments:</b>						
Continue control and mop-up operations where safe to do so. Identify additional suppression repair needs for the forest.						
<b>7. Special Instructions:</b>						
Backhaul all trash.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 - ANF T8	172.3750N	CSQ	164.9375N	T8-103.5	A
COMMAND	2 - ANF TONE 10	172.3750N	CSQ	164.9375N	T10-107.2	A
COMMAND	3 - ANF TONE 14	172.3750N	CSQ	164.9375N	T14-151.4	A
COMMAND	4 - ANF TONE 15	172.3750N	CSQ	164.9375N	T15-162.2	A
TACTICAL	5 - NIFC TAC 1	168.0500N	CSQ	168.0500N	CSQ	A
AIR TO GROUND	14/18 - A/G TAC	169.2875N	CSQ	169.2875N	CSQ	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
SHANNON SOLIS 			RON WHITE 		08/31/2020	1900

## Division/Group Assignment List (ICS 204 WF)

Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>				<b>3.</b>		
LAKE				<b>Branch:</b>	<b>Division/Group:</b>  <b>WEST</b>	
<b>2. Operational Period:</b> 3-DAY						
Date/Time From: 09/01/2020 0700 TUE		Date/Time To: 09/03/2020 1900 THU				
<b>4. Operations Personnel</b>						
<b>TASK FORCE LEADER</b>		RON SEYMOUR		<b>OPERATIONS CHIEF</b>		
<b>DIVISION SUPERVISOR</b>				<b>AIR ATTACK SUPERVISOR</b>		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
CRW2 MONARCHS CREW 70 C-116	09/03	STEVE RUSHING	20	ICP/0700	ICP/1900	
ENG3 ANF 314 E-10074	09/06	THAD THOMAS	5	ICP/0700	ICP/1900	
ENG3 ANF 37 E-10076	09/06	ADAM NORTON	5	ICP/0700	ICP/1900	
ENG3 ANF 311 E-10080	09/07	SALVADOR CORTEZ	5	ICP/0700	ICP/1900	
ENG3 ANF 13 E-10081	09/06	WILL REAUX	3	ICP/0700	ICP/1900	
ENG3 ANF 20 E-10083	09/07	JAROD BRENEMAN	5	ICP/0700	ICP/1900	
WTT2 ANF 25 E-406	09/14	AARON UNKOVICK	1	ICP/0700	ICP/1900	
REAF O-10306	09/08	MARK DALLON	1	ICP/0700	ICP/1900	
REAF O-10305	09/08	DARYL HODGES	1	ICP/0700	ICP/1900	
ARCH O-10127	09/04	DAVID PEEBLES	1	ICP/0700	ICP/1900	
ARCH O-10219	09/02	CRISTIN EMBREE	1	ICP/0700	ICP/1900	
ARCH O-10128	09/04	JOANNA HUCKABEE	1	ICP/0700	ICP/1900	
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COMMAND	1 - ANF TONE 8	172.3750N	CSQ	164.9375N	T8-103.5	A
COMMAND	2 - ANF TONE 10	172.3750N	CSQ	164.9375N	T10-107.2	A
COMMAND	3 - ANF TONE 14	172.3750N	CSQ	164.9375N	T14-151.4	A
COMMAND	4 - ANF TONE 15	172.3750N	CSQ	164.9375N	T15-162.2	A
TACTICAL	5 - NIFC TAC 1	168.0500N	CSQ	168.0500N	CSQ	A
AIR TO GROUND	14/18 - A/G TAC	169.2875N	CSQ	169.2875N	CSQ	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
ANSLEY SINGER 			RON WHITE 		08/30/2020	1900



## AIR OPERATIONS SUMMARY ICS-220

Incident Name and Incident Number <b>LAKE FIRE, CA-ANF-003273</b>		Sunrise See Below	Startup See Below	Cutoff See Below	Sunset See Below	Time Prepared 19:00	Date Prepared Monday, August 31, 2020	Prepared By Bart Dorman AOB					
<b>General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc.</b> 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.						<b>Shutdown</b> See Below	<b>Operational Period - Date</b> 09/01, 02, 03/2020	<b>Operational Period - Time</b> 0600-0600					
<b>Helibase Information</b> Name KWJF - Fox Field Latitude 34 44.46 Longitude 118 13.12  Name Latitude Longitude (use page 2 if needed)						<b>Request #</b> Radius: Altitude: Centerpoint: NOTAMS: No TFR Frequency <a href="http://tfr.faa.gov/tfr2/list.html">http://tfr.faa.gov/tfr2/list.html</a>		<b>Rescue Ship Information</b> Name Phone Make/Model Location Request through ECC Request through ECC Request through ECC					
Frequencies	RX	Tone	TX	Tone	AM / FM	Position	Name	Phone	Trainee Name	Phone			
AIR / GROUND TAC	169.2875		169.2875		FM		Fox Helibase	(661) 305-7609					
COMMAND ANF FN	172.3750		164.9375	162.2 (15)	FM	AOBD	Bart Dorman	(818) 929-5987					
					AM								
					AM								
					AM								
					FM								
					FM								
					FM								
					FM								
					AM								
					FM								
CALCORD - MEDICAL	156.0750	156.7 (6)	156.0750	156.7 (6)	FM								
AIR GUARD - Emergency Only	168.6250		168.6250	110.9 (1)	FM								
HELICOPTERS ( Use page 2 if Needed )													
FAA #	Type	Make/Model	Helibase	Start	Avail	Remarks / A - #	FAA #	Type	Make/Model	Helibase	Start	Avail	Remarks / A - #
H532	2	Bell 205 A1++	KWJF	0630	0700	13 crew / A-7							
Sunrise 9/1	Start Up 9/1	Cutoff 9/1	Sunset 9/1	Shutdown 9/1									
6:26	6:56	18:47	19:17	19:47									
Sunrise 9/2	Start Up 9/2	Cutoff 9/2	Sunset 9/2	Shutdown 9/2									
6:27	6:57	18:46	19:16	19:46									
Sunrise 9/3	Start Up 9/3	Cutoff 9/3	Sunset 9/3	Shutdown 9/3									
6:28	6:58	18:44	19:14	19:44									
Helibase Name:		Fox Field		Helibase Name:					Fox Field		Helibase Name:		
Latitude:		34 44.451		Latitude:					34 44.451		Latitude:		
Longitude:		118 12.559		Longitude:					118 12.559		Longitude:		





<b>MEDICAL PLAN</b>	1. INCIDENT NAME: LAKE	2. DATE PREPARED: August 31, 2020	3. TIME PREPARED: 1830	4. OPERATIONAL PERIOD 09/01/20-09/03/20 0600-0600
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5. INCIDENT MEDICAL AID STATIONS			
MEDICAL AID STATIONS	LOCATION		ALS
			YES NO



6. TRANSPORTATION			
A. Ambulance Services			
NAME	LOCATION	PHONE	ALS
			YES NO

B. AIR AMBULANCE			
NAME	LOCATION	ALS	
		YES	NO
LA County Fire, Day and night hoist capable.	LACO Dispatch (323) 881-6183	XX	

7. HOSPITALS										
NAME	ADDRESS	TRAVEL TIME		PHONE	TRAUMA		HELIPAD		BURN CENTER	
		AIR	GRND		Yes	No	Yes	NO	YES	NO
Henry Mayo N34 23.94 W118 33.11	23845 W. McBean Pkwy Valencia, Ca. 91355	AIR 5	GRND 15	(661) 200-1601	L-II		XX			XX
Antelope Valley Hospital N34 41.283 W118 9.5166	1600 W. Ave. J Lancaster, Ca. 93534	10	45	(661) 949-5292	L-II		XX			XX
West Hills Hospital N34 12.18 W118 37.75	7300 Medical Center Dr. West Hills, Ca. 91307	20	45	(818) 676-4999		XX	XX		XX	
LAC+USC Med Center N34 03.345 W118 12.48	1200 N. State Street Los Angeles, CA 90033	45	1.75 Hr.	(323) 226-2622 (323) 409-2882	L-I		XX		XX	
Concentra Urgent Care	25733 Rye Canyon Rd. Valencia, CA 91355		15	(661) 295-2500		XX		XX		XX

**8. DIVISION / CREW PRE-PLAN. UPDATE AND DISCUSS WITH ASSIGNED RESOURCES DAILY.**

Crew EMTs & Equipment	
Fireline EMTs & Location Adv. Life Support?	
Air Hoist site/Unimproved landing site: Lat: Long:	
Helispot: Elevation: Lat: Long:	
Med LZ:	
1. Remote Aid Stations	
	Point of Contact: MEDL
	EMS Responders & Capability:
	Equipment Available on Site: Medical supplies
	Ambulance ETA : Air -- Ground --

9. PREPARED BY BLAINE HEYWOOD MEDL(T) 	10. REVIEWED BY 
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**Medical Incident Report**

FOR A **NON-EMERGENCY INCIDENT**: WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.

FOR A **MEDICAL EMERGENCY**: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE **"MEDICAL EMERGENCY"** TO INITIATE RESPONSE FROM COMMUNICATIONS

**Use the following items to communicate situation to communications/dispatch.**

**1. CONTACT COMMUNICATIONS / DISPATCH** (Verify correct frequency prior to starting report)  
 Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."

**2. INCIDENT STATUS:** Provide incident summary (including number of patients) and command structure.  
 Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree.  
 Requesting air ambulance to Forest Road 1 at (Lat./Long.)  
 "This will be the Trout Meadow Medical Incident, IC is TFLD Jones. EMT Smith is providing medical care."

Severity of Emergency AND Transport Priority (priority 1, 2, 3)	<input type="checkbox"/> <b>RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE</b> Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.  <input type="checkbox"/> <b>YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary.</b> Ex: Significant trauma, unable to walk, 2° – 3° burns not more than 1-3 palm sizes.  <input type="checkbox"/> <b>GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport</b> Ex: Sprains, strains, minor heat-related illness.	
Nature of Injury or Illness & Mechanism of Injury		Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)
Transport Request		Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location		Descriptive Location & Lat. / Long. (WGS84)
Incident Name		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
On-Scene Incident Commander		Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)
Crew Patient Care		Name of Care Provider (Ex: EMT Smith)

**3. INITIAL PATIENT ASSESSMENT:** Complete this section for each patient as applicable (start with the most severe patient)

Agency Affiliation: (NO PATIENT NAMES)                      Federal                      Contractor                      Local Government

Patient Assessment:                      Age:                      Weight:                      Chief Complaint:

(If pertinent to Injury)                      Skin Signs: (color/moisture/temp)                      Level of Consciousness:                      BP:                      HR:                      Respirations:

Treatment:

**4. TRANSPORT PLAN:**

Evacuation Location (drop point, intersection, helispot, Lat. / Long, hazards)                      Patient's ETA to Location:

**5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:**

Paramedic / EMT - Crews - Immobilization Devices - AED - Oxygen - Trauma Bag - IV/Fluid(s) - Splints - Rope rescue - Wheeled litter - HAZMAT - Extrication

**6. COMMUNICATIONS:** Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable

FUNCTION	CHANNEL NAME/NUMBER	RECEIVE (RX)	TONE / NAC*	TRANSMIT (TX)	TONE / NAC*
COMMAND					
AIR-TO-GRND					

**7. CONTINGENCY: Considerations:** If primary options fail, what actions can be implemented in conjunction with primary evacuation method?  
 Be thinking ahead.


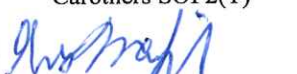

**8. ADDITIONAL INFORMATION:** Updates/Changes, etc.

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

\*\*\* Follow up with MEDL upon return to ICP \*\*\*

# Incident Risk Analysis (ICS 215a)

CA-ANF-003273

BR/DIV	HAZARDOUS ACTIONS/CONDITIONS	MITIGATIONS/WARNINGS/REMEDIES
All	Hazard Trees	<ul style="list-style-type: none"> <li>Follow "Hazard Tree Safety" guidelines, IRPG pages 22-23.</li> <li>Post lookouts, or use a spotter in mop-up areas with personnel.</li> <li>Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>Establish trigger points for disengagement during high wind events.</li> <li>Remember that the hazard zone extends a minimum of 2 1/2 tree heights.</li> <li>Post road guards when appropriate.</li> </ul>
All	Air Operations	<ul style="list-style-type: none"> <li>Ensure positive communication with all air resources.</li> <li>Don't plan on air resources for medical transport or resupply.</li> <li>Follow "Aviation Watch-Out Situations" IRPG P. 46.</li> <li>Refer to "Directing Bucket or Retardant Drops" IRPG P. 58 .</li> <li>Refer to "Aerial Retardant Safety" IRPG Pg57.</li> <li>Refer to "Aircraft Mishap Response Procedure" IRPG P. 62.</li> </ul>
All	Driving & Traffic	<ul style="list-style-type: none"> <li>Practice "Defensive Driving" techniques traveling on all roads and city streets.</li> <li>Use spotters &amp; Honk horn to alert personnel when backing.</li> <li>Follow Driving LCES (Lights, Chock blocks, Emergency brake, seat belts).</li> <li>Always use headlights, and observe posted speed limits.</li> <li>Yield to pedestrians and bicycles, and use the 3 second rule for following distance when driving.</li> <li>Use chock blocks, turn wheels into hill, ensure that windshields are kept clean of dust and bugs, and avoid distractions (eating, cell phones, &amp; radio).</li> </ul>
All	Heat Related Illness (HRI)& Dehydration	<ul style="list-style-type: none"> <li>Drink Fluids throughout operational period (6-8 quarts/shift).</li> <li>Maintain water/electrolyte ratio of 3 to 1.</li> <li>Carry extra water on line and cache water at drop points.</li> <li>Take frequent breaks, minimum of 10 minutes every hour.</li> <li>Allow out of area resources to acclimate before expecting peak performance.</li> <li>Recognize symptoms of <b>HEAT RELATED ILLNESS</b>.               <ul style="list-style-type: none"> <li>Lack of energy, headaches, dizziness, hot skin, and lack of sweating.</li> </ul> </li> </ul>
All	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> <li>Maintain 8'-10' spacing when working &amp; walking.</li> <li>Don't work above any personnel.</li> <li>Be on the lookout for rolling rocks, debris, or burning material.</li> <li>Evaluate necessity to send personnel in areas with limited access.</li> </ul>
All	COVID-19 Environment	<ul style="list-style-type: none"> <li>Utilize social distancing (6 feet). Wear a facemask if you can't social distance.</li> <li>Maintain the "module of one" concept.</li> <li>Disinfect vehicle interiors, and commonly touched surfaces frequently.</li> <li>Do not share devices (i.e. cellphones, laptops, radios etc.).</li> <li>Utilize technology to communicate while maintaining social distance.</li> <li>Wash your hands frequently.</li> </ul>
All	Poor Communications	<ul style="list-style-type: none"> <li>Maintain communication with aviation resources, and suppression organization.</li> <li>Ensure all know frequency and protocol for contacting resources.</li> <li>Utilize the ICS 205.</li> <li>Utilize human repeaters when working in dead spots.</li> </ul>
All	Environmental Hazards	<ul style="list-style-type: none"> <li>Keep alert for wildlife, deer, rattlesnakes, bees and plants.</li> <li>Watch hand placement around rocks and use caution around gas and power lines.</li> <li>Personal hygiene is #1 when it comes to Poison Oak prevention.</li> <li>Watch for agitated buffalo and cattle that may charge</li> <li>Watch for unmarked mineshafts</li> </ul>
Incident Name:  <b>Lake</b>		Operational Period: DAY  <b>September 1, 2020 Extended</b>
<b>OSC2:</b> Jeff Hinson/Clint Gould/ Jeff Crandall (T) 	<b>SOF2:</b> Greg Marfil SOF2/Cougan Carothers SOF2(T) 	Date and Time Prepared: August 31, 2020      1600 Hours 



## HEALTH AND SAFETY MESSAGE

**SAFETY** starts with **YOU**

We are **ALL** accountable for **SAFE** behaviors  
For Day Operations: September 1, 2020 Extended

INCIDENT: **Lake Fire**

Day Shift TIME: 0600

### **Major Hazards and Risks:**

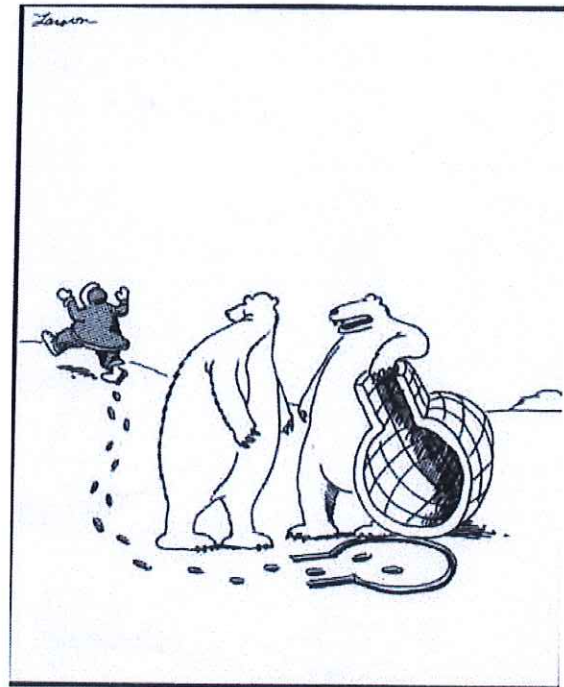
- **Driving:** Slow down when driving throughout the fire incident.
- **Hazard Trees:** Assess ALL trees in work areas...In addition to suppression and mop-up operations, assess hazard trees when you take breaks and park vehicles.
- **Complacency:** Pay close attention to all of the details.
- **Heat Related Injuries:** Stay hydrated, drink plenty of fluids, take frequent breaks, and listen to your body.

### Fire Order of the Day: **Maintain control of your forces at all times**

- **TASK.....**What is to be done.....Strategy and tactics
- **PURPOSE.....**Why it is to be done.....Big picture.....who, what, when, where, why, etc.....
- **END STATE.....**How it should look when it is done.

### Situation Awareness

- Speak up if you see something that looks wrong!!!
- Get a good briefing prior to beginning task
- Ask if you don't understand!!!!



"I lift, you grab. ... Was that concept just a little too complex, Carl?"

**Give clear instructions and insure they are understood!!!**

### **Thanks from your Safety Team!!**

Greg Marfil  
Cougan Carothers (T)

Our SAFETY RECORD has been excellent.....  
lets finish this incident strong and make that  
extra effort to a safe working environment!!!!

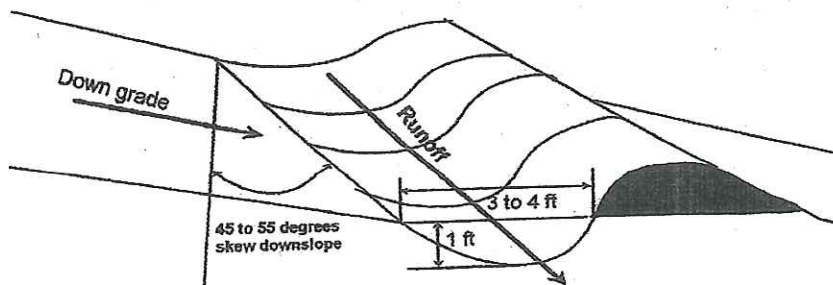
## DOZER LINES:

- Dozer lines intersecting with existing roads should be blocked to minimize potential OHV impacts, using barriers such as post and cable, rip rap, etc. In some cases, chunking may be used in to prevent access for unauthorized OHV use.
- Waterbars are to be built on slopes greater than 5 percent and the outlets should drain into green whenever possible.
- Waterbars will consist of a minimum of a 12 inches cut into the firm bed of the control line and have a berm with a compacted height of no less than twelve inches (12") (see figure 1).
- Angle waterbars approximately 30 degrees downslope from horizontal in the natural direction of the force of water off the slope (not the dozer line). The downslope end/outlet of each waterbar must be open and clear of obstructions and should discharge into the green if present.
- Utilize and or improve natural rolls and dips to divert the flow of water whenever possible.
- Hand crews may be used to construct waterbars on slopes greater than 50% (when there is little to no rocks) or in areas too hazardous for safe equipment operation, or in areas where equipment use may further impact environmentally sensitive areas.
- When dozer lines follow a ridge with no visible vegetation on either side, or where there is unburned vegetation on both sides (indirect line), re-contouring and waterbars should be designed to divert water equally to both sides of the ridge, except where doing so may impact downslope resources or infrastructure (i.e. roads/trails).
- Remove all trash and equipment associated with suppression activities and mechanized equipment maintenance.

Table 1. WATERBAR SPACING

Gradient	Waterbar spacing
1% - 9%	100 ft.
10% - 19%	75 ft.
20% - 30%	50 ft.
>40%	25 ft.

Figure 1. WATERBAR SPECIFICATIONS





#### HAND LINES:

- Once suppression containment activities have been achieved, hand lines intersecting environmentally sensitive areas, roads, designated trails, and OHV routes would be repaired. This will include water-barring, pulling berms, and slashing one hundred feet from the point of intersection, or the distance visible from the road or trail, whichever is greater.
- Waterbars for hand lines should be cut to a depth equal to the width of a standard fire shovel.
- Waterbars should be angled downslope from horizontal (approximately 15 to 20 degrees) and natural direction of the force of water off the slope (not the hand line).
- The downslope end/outlet of the waterbar MUST be open and clear of obstructions and should discharge into green when feasible.
- When hand lines follow a ridge where there is no vegetation either side, or where there is unburned vegetation on both sides (indirect line), re-contouring and waterbars should be designed to divert water equally to both sides of the ridge.
- Utilize and/or improve natural rolls and dips whenever possible.
- In some cases, chunking or berming may be used in combination with the above techniques to prevent access for unauthorized OHV use.
- Remove all trash, equipment, and flagging.





# ACTIVITY LOG (ICS 214)

1. Incident Name:

2. Operational Period: Date From:

Date To:

Time From:

Time To:

7. Activity Log (continuation):

Date/Time

Notable Activities

8. Prepared by: Name: \_\_\_\_\_

Position/Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date/Time: \_\_\_\_\_