

Incident Action Plan
For The

**Zaca Two Fire
Richardson Zone**



Operational Period
Tuesday
September 4th, 2007
0600-1800

CA-LPF-001087
P5DP4U

**Southern California Interagency
Incident Management Team 1**

Incident Weather Forecast

FORECAST NO: 28

NAME OF INCIDENT: Zaca 2 - Richardson Zone

PREDICTION FOR: Tuesday shift

UNIT: LPF

SHIFT DATE: Sept 4, 2007

SIGNED:

TIME AND DATE 1500 PDT Monday
FORECAST ISSUED: September 3, 2007

Jeff Tonkin
Incident Meteorologist
Zaca 2

WEATHER DISCUSSION:

High pressure will finally give way to an approaching upper level trough late tomorrow. The main impacts of the trough will be very subtle cooling today with additional cooling on Wednesday. With the slightly cooler temperatures...the resulting rh's will be up 5-10% today...but a very dry airmass returns to the area on Wednesday and Thursday. Afternoon and evening winds will tend to be a little gustier for the next couple days as slightly stronger instability allows an increase in low level mixing.

WEATHER FORECAST:

WEATHER: Sunny with a slight chance of showers or thunderstorms.

MAX TEMPS:

Ridgetops/Upper Slopes: 86 – 92
Lower Slopes/Drainage: 95 – 102

MIN HUMIDITY: 16-22%.

EYE LEVEL WINDS:

RIDGETOP - 0600-1000 PDT...Northeast 4-8 mph.
1000-2000 PDT...West and Northwest 4-8 mph...increasing to 10 to 15 mph with gusts to 21 mph during the afternoon and evening.

SLOPE/VALLEY - Till 0900 PDT.....Downslope/Downvalley 2-4 mph.
0900-1900 PDT...Upslope/upvalley or west 6-10 mph...increasing to 9 to 14 mph with gusts to 18 mph during the afternoon and evening.

MIXING HEIGHT: 6000 feet msl in the morning...increasing to near 13,000 ft msl in the afternoon.

TRANSPORT WIND: Southwest 10-15 mph.

Wednesday: Sunny and dry. Highs 83-89 upper slopes/ridges...90-95 lower slopes/valleys. Lows 62-68 upper slopes/ridges...53-58 lower slopes/drainages. Min RH 10-15%. Max RH 45-55%. Ridge winds Northwest to northeast 3-8 mph nights and mornings...west 6-12 mph in the afternoon. Typical diurnal slope/valley winds.

Thursday: Clear and very dry. Highs 82-86 upper slopes/ridges...89-94 lower slopes/valleys. Lows 58-64 ridges...48-54 lower slopes/drainages. Min RH 5-10%. Max RH 20-30%. Ridge winds west 5-12 mph. Typical diurnal slope/valley winds.

Friday and Saturday: Clear. Highs 85-92 upper slopes/ridges...92-96 lower slopes/valleys. Lows 58-64 upper slopes/ridges...49-54 lower slopes/valleys. Min RH 15-20% Wednesday. Ridge winds southeast to southwest 6-11 mph. Typical diurnal slope/valley winds.

Fire Behavior Forecast Number 61

Name of Fire: Zaca II Richardson Zone
Location: Los Padres NF
Date/ Time Forecast Issued: Sept 4,07 2000 hrs

Prediction For: Sept 4, 2007
Tuesday Day Shift
Drew Smith- FBAN/So.Cal Team 1

Weather

Mostly Sunny with a slight chance of thunderstorms in the afternoon.

Temps around 100. RH:16-20%. Eye Level Wind (Ridgetops): Northeast in the morning 4-8.

Transitioning by 1000 hrs to West Northwest 4-8 increasing throughout the day to 10-15 with gusts to 21.

Upslope upvalley winds 6-10 mph increasing to 14mph with stronger gusts.

Fire Behavior:

General:

The fire has been in-active near control lines. Hard work by crews and excellent mop up standards have maintained the current fire perimeter. Several deep interior islands continue to produce smokes in heavy down fuels and snags. Poor night recoveries have kept these smokes alive.

Live fuel moisture = 40%- 50%. PBI= 90%

Burn Index = 188 (OZENA). Fire Danger Index= Extreme

Burn Index = 120 (LOS PRIETOS) Fire Danger Index= Extreme

Specific:

Interior Islands will continue to produce smoke in heavy fuels. With the Extreme Fire Danger Index today, an isolated headfire run may develop by early afternoon. Flame lengths of 30-50 feet can be anticipated. Fine fuels will be very receptive to sparks from mechanical heat sources.

Initial Attack (SITUATIONAL AWARENESS)

Head fire will not be conducive to direct attack. Safe engagement practices must be identified on the observed and predicted fire behavior. Any new starts will have a very high potential for large fire development. With T-Storm development near any fire, erratic fire behavior may be encountered.

Air Operations:

Gusty winds and thunderstorm development may hinder aircraft use.

Regional activity may limit aircraft use.

Safety:

- **Observe the fire behavior for fire suppression engagement**
- **A new start may develop more abrupt than anticipated**
- **Identify a solid anchor point and safety zones.**
- **Situational Awareness needs to be a top priority= Safety**

INCIDENT RADIO COMMUNICATIONS PLAN GROUP 15			Incident Name ZACA RICHARDSON ZONE			Date/Time Prepared September 3, 2007 2100 hrs			Operational Period Date/Time September 4, 2007 0600 – 1800 hrs	
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	Tx Tone	Mode	Remarks	
1	COMMAND	NIFC C-4	DIV DD/EE/ LOOKOUT/NORTH FF	166.6125 N		168.4000 N	123.0	A	TONE 2 BRANCH XXIII & XXV	
2	COMMAND	NIFC C-2	DIV AA/BB/CC/MINE GRP	168.1000 N		170.4500 N	123.0	A	TONE 2 BRANCH XXIII	
3	TACTICAL	R5-TAC-4	REHAB BRANCH	173.9125 N		173.9125 N		A	ALL BRANCHES & DIVISIONS UNSTAFFED	
4	TACTICAL	R5-TAC-5	MINE GRP	173.9625 N		173.9625 N		A		
5	TACTICAL	R5-TAC-6	DIV EE NORTH/FF LOOKOUT	173.9875 N		173.9875 N		A	BRANCH XXV UNSTAFFED	
6	AIR GROUND 1	AIR GND 1	Richardson Zone	172.8125 N		172.8125 N		A		
7	COMMAND	NIFC C-12	DIV EE/NORTH FF	173.0375 N		167.3250N	123.0	A	BRANCH XXV (unable to hit C2 RPT)	
8	TACTICAL	NIFC T1	DIV AA/ BB/ CC/ DD / GG/ HH / SOUTH FF	168.0500 N		168.0500 N		A		
9	TACTICAL	NIFC T2	DIV SOUTH FF	168.2000 N		168.2000 N		A	BRANCH XXV	
10	TACTICAL	NIFC T3	INITIAL ATTACK	168.6000 N		168.6000 N		A	HWY 33	
11	COMMAND	NIFC C-9	DIV SOUTH FF/GG/HH	170.0125 N		165.2500 N	123.0	A	TONE 2 BRANCH XXVII	
12	TACTICAL	TAC 7	TBD	172.2750 N		172.2750 N		A	As needed.	
13	LOCAL FS	LPF NET	LOCAL FS NET	170.5500 N		169.9000 N			TONE 11 – PLOWSHARE PK	
14	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	EMERGENCY TRAFFIC ONLY	
15	EMS TAC	CALCORD	ALL DIVISIONS	156.0750 W		156.0750 W		A	As needed.	
16	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	EMERGENCY TRAFFIC ONLY	
5. Prepared by (Communications Unit)										
ICS 205 – 2007H Richard Gonzales, COML										

MEDICAL PLAN	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED	4. OPERATIONAL PERIOD
	ZACA FIRE Richardson Zone	9/03/07	1100 hrs	9/04/07

5. INCIDENT MEDICAL AID STATIONS				
MEDICAL AID STATIONS	LOCATION			PARAMEDICS
				YES NO
Richardson ICP	New Cuyama- Frontline Medical			XX
Line EMTB / EMT's	Divisions where assigned			XX XX

6. TRANSPORTATION				
NAME	ADDRESS	PHONE	PARAMEDICS	
			YES	NO
SBC Medic 41; ALS(Ground)	SBC Sta#41- New Cuyama (not dedicated)	911 805-692-5723	XX	
SBC -H308 or H309; ALS, Hoist, Night Vision(Air)	Santa Barbara Airport or Santa Ynez Airport	805-692-5723	XX	
Cal Star 7(PVT); ALS (Air)	Santa Maria Airport	805-546-1915	XX	
VNC - Air Squad 9; ALS, Hoist, Night Vision(Air)	Camarillo Airport	805-388-4294	XX	
KRN -H408; BLS, Hoist, Night Vision(Air)	Keene (KRN County)	661-324-6551	XX	

7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Marian Medical Center	1400 E Church , Santa Maria N 34 57.03/ W 120 24.42	35 min	1.5hrs	805-739-3200	XX			XX
Kern Medical Center(Trauma) (KRN)	1830 Flower St., Bakersfield N 35 23.23 / W 118 58.05	35 min	1.5 hrs	661-326-2667	XX			XX
Ventura County Medical Center (VNC)	3291 Loma Vista, Ventura N 34 16...574/ W 119 15.085	50 min	2 hrs	805-652-6165	XX			XX
Sherman Oaks Hospital	4929 Van Nuys Blvd, Sherman Oaks N 34 09.563 / W 118 26.866	1.5 hrs	3 hrs	818-907-4580	XX		XX	

8. MEDICAL EMERGENCY PROCEDURES	
<p>LINE EMERGENCY: Crew Supervisor to contact Division Supervisor with patient complaint/condition and location.</p> <ul style="list-style-type: none"> Division Supervisor contacts: <ol style="list-style-type: none"> Line EMT at nearest Drop Point Communications Unit Communications Unit contacts: <ol style="list-style-type: none"> Medical Unit Heli-base for Medical AIR EVAC Flight Operations Safety Division Supervisor will run medical emergency on command channel Communication Unit will clear command channel for emergency traffic Medical Unit will: <ol style="list-style-type: none"> Dispatch ground ambulance to nearest drop-point for ground transport only. Or after patient pickup, dispatch ambulance to Heli-base for Medical AIR EVAC Flight if needed Notify receiving hospital of injury status. <p>CAMP EMERGENCY: Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident:</p> <ul style="list-style-type: none"> Medical Unit contacts: <ol style="list-style-type: none"> Communications Safety Logistics Operations Crew Supervisor 	<p style="text-align: center;"><u>INJURY REPORTING PROCEDURES</u></p> <p>NATURE OF INJURY _____</p> <p>LOCATION OF PATIENT _____</p> <p>TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___</p> <p>POINT OF PICKUP _____</p> <p>LAT _____ LONG _____</p> <p>PATIENT UNIT ID _____</p> <p style="text-align: center;"><small>REMINDER: DO NOT GIVE PT NAME OVER RADIO</small></p> <p>IS A EMT WITH PATIENT: YES ___ NO ___</p> <p>AGE _____</p> <p>SEX: MALE ___ FEMALE ___</p> <p>ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.</p>

ICS 206 8-78	9. PREPARED BY (MEDICAL UNIT LEADER) Michael Clemens / MEDL	10. REVIEWED BY (SAFETY OFFICER)
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INCIDENT RISK ANALYSIS (ICS 215a)

Groups	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	TERRAIN	<ul style="list-style-type: none"> Scout all areas for extremely steep terrain. Watch for loose ground around cliff edges. Falling rocks, Scout your area Watch your footing walking through cut brush, while working around the chipper.
ALL	DRIVING HAZARDS	<ul style="list-style-type: none"> Drive defensively! Expect the unexpected around every curve. Drive with headlights on; Use Reds in dense smoke, before backing use backers whenever available. Increase following distances on dusty roads Narrow, winding one lane roads, use traffic control when needed. Utilize water tenders to mitigate dust issues on roads. Private vehicles tend to drive at high rates of speed on the Hwy's in this area. HEADS UP
ALL	FIRE BEHAVIOR	<ul style="list-style-type: none"> Monitor current weather conditions and forecasts. Make sure all personnel receive thorough briefings every shift. Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. Adhere to 10 Std Orders, mitigate 18 situations. Maintain Situational Awareness. Live fuel moistures are in the low 40 percentile. Monitor thunderstorm activity for down drafts affecting any hot areas. Focus on the task at hand.
ALL	FATIGUE	<ul style="list-style-type: none"> Maintain 2:1 work/rest ratio, place crews in shade to rest during hot part of the day.
ALL	HYDRATION	<ul style="list-style-type: none"> Drinking water before, during and after shifts, up to 1.5 gal. per shift. Weather is calling for very hot and extremely dry conditions.
REHAB	Handline, Road Work, and Helispot rehab.	<ul style="list-style-type: none"> Full PPE required by all Rehab personnel within the fire perimeter. Nomex pants, shirt, 8" high boots with non slip soles, Helmets and fire Shelters. Notify Division Supervisor when entering into a Division for recon or work.
ALL	CHIPPER OPERATIONS	<ul style="list-style-type: none"> Following PPE is required: Long sleeve shirt, Hard Hat, Ear Plugs, Safety glasses, Gloves. All crews read and sign JHA for chipper operation.
ALL	FOOT TRAVEL	<ul style="list-style-type: none"> In steep and rocky terrain, watch footing and maintain proper spacing. Watch for over-head hazards. Treat "hot spots" on your feet before they become blisters. Maintain downhill tool placement
ALL	MOP UP	<ul style="list-style-type: none"> Conduct thorough briefing for all personnel (inside rear cover IRPG). Use all required PPE, MANDATORY eye protection. Maintain proper spacing and overhead clearance. Be alert for stump holes and root cavities. Minimize exposure to smoke, and rotate personnel into clean air when practical. Evaluate unburned islands/Increase situational awareness.
ALL	MEDICAL EMERGENCIES	<ul style="list-style-type: none"> Assign personnel with Advanced Life Support capability on the line. Due to extreme driving distances Medical helicopters will be used for immediate evacuation.
ALL	SAFETY ZONES	<ul style="list-style-type: none"> Follow safety zone guidelines (IRPG p. 7) Carefully evaluate burned areas before designation as safety zones due to EXTREME FIRE BEHAVIOR. When safety zones are distant from work site, set trigger points to allowing personnel to reach them in a timely manner. Even during Rehab make sure you have safety zones in the area you are working. Plan ahead for any change that might happen.
Incident Name Zaca Incident ICS 215a	DATE PREPARED: September 3, 2007 Richardson Zone	OPERATIONAL PERIOD 9/4/07 Day Shift Prepared by: Tom Zeulner – SOF2
	TIME PREPARED: 1700 HOURS	

AIR OPERATIONS SUMMARY

OPERATIONAL PERIOD DATE: 9/4/07

SUNRISE:0634 SUNSET:1921 PUMPKIN: 1951

1. INCIDENT NAME: Zaca Two	2. PREPARED BY: Gerald Cosey PREPARED DATE/TIME: 9/3/07 @ 2030	3. # OF COPIES NEEDED:
4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): MEDEVAC A/C: SBC-308 from Santa Ynez		5. TFR: 7/4776 NEW 10,000 MSL and below. Contract FREQ is 135.575 NEW TFR – (A-518)
Flight Following with Incident Communications or LPF Dispatch		

6. PERSONNEL	7. FREQUENCIES			8. FIXED WING		
	Phone		AM	FM		# Avail / Type/ Make-Model / FAA N# / Base
AOBD: Gerald Cosey	310-749-2453	AIR/AIR FW:			AIRTANKERS	Order thru dispatch
ASGS: John Steadman ASGS: Rene Gonzales	619-548-3729 760-217-5568	A/A RW:	134.875 Linked Reyes Pk.			
HEBM:		TFR AIR BRIEFING:	135.575		LEADPLANES	Order thru dispatch
HLCO:		AIR/ GROUND:	172.8125			
Santa Ynez: Sean Audikas (528) Office Phone: Santa Maria: Corey Reagan (43T) Office Phone:	805-350-3716 805-693-0458 805-448-9703 805-937-5348	AIR/GROUND:			AIR TACTICAL PLATFORMS	
Chuchupate:Arnold Ramirez (530) 661-965-8679 cell	661-245-3731 ext 245 661-965-8680 ext 245	DECK: TOLC:				
LPF Dispatch	805-961-5727					
					Special Instruction	
Medivac Copter 308 will be in Quarters Santa Ynez available from that location. 692-5723	Dispatch 911 thru Richardson Communications	Air Guard		168.6250	Web address for Aviation Map	ftp://ftp.nifc.gov/Incident_Specific_Data/CALIF_S/2007/2007_Zaca/GIS/PRODUCTS Click on Incident Date: ie 20070904
		COMMAND:	See IAP Communications Plan			

SANTA MARIA AIRPORT

9. HELICOPTERS

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS

CHUCHUPATE HELIBASE

H-530	II	Bell 212	Chuchu	0700	0730	USFS / A-24	H-88B	III	Bell 206L4	Chuchu	0700	0730	CWN / A-204
							H-2EA	III	Bell B-3 IR	Chuchu	0700	0730	Newman's IR

SANTA YNEZ HELIBASE

H-528	II	Bell 212 HP	Assign			USFS / A-88							

CUYAMA HELIBASE

10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	START	FLY FROM	FLY TO
Patrol by Air				
Recon	Please request missions thru Air Ops	0800	Chuchupate	Mission
Water drops/Retard	H-530 to Ozena to stand-by from 1100 to 1730 hours	1100	Chuchupate	Ozena
Infrared	As requested by Plans Section	0700	Cuyama	Fire
Recovery Group	Fly interior checking for sling loads and other equipment			
Initial Attack	Ensure that one Module is available for IA on Forest	0730	Santa Ynez	Fire

SAFETY MESSAGE

Maintain your personal safety at all times...

INCIDENT: Zaca Fire, Richardson Zone

DATE: Sept. 4, 2007

TIME: 0600-1800

✱ Rehab Is Our Mission ✱

Watch For Fire Activity in Green Islands Near the Perimeter

MAJOR HAZARDS AND RISKS:

Driving – Watch out when driving on Hwy 166 and Hwy 33. Keep headlights on, seatbelts fastened and speeds down.

Dehydration - Continue to drink lots of fluids (three to four waters to one Gatorade).

Fire Behavior – Still potential for fire activity, extremely dry fuel conditions, > 50 year old dense chaparral, unburned fuels between you and fire, Steep Topography and Canyon Systems, monitor fire weather and indicators of extreme fire behavior potential.

Fatigue - Monitor crews for fatigue, be smart out in the heat and rotate crews into the shade.

Heavy Equipment – Be heads-up when working around all heavy equipment; make sure the operator can see you.

Chipper - If using chippers ...Use Job Hazard Analysis to brief crews. Sign and keep it on site.

RATTLE SNAKES – There are snakes in the rehab work area, keep that in mind at all times.

BEARS - They have been seen throughout incident - keep your area clean of all garbage.

Watch Out Situation of the Day *Heavy Equipment*

Crews must be briefed on procedure for working around heavy equipment, dozers, excavators, chippers. Operators of the equipment need to be part of the briefing and describe where and how crews can safely work with the equipment. Topics should include blind spots, distance to keep away, hand signals, battery shut offs.

Take breaks as needed, it's hot out.





Professionalism is the corner stone of mutual respect. Professionalism starts with appropriate behavior; on fires all firefighters will follow the zero tolerance policy.

Human Resources

Dana Simpson HRSP (T)
Collocated with the IARR
Contact Number 661. 766. 2814