

Charlie
INCIDENT
CA-ANF-3612

INCIDENT ACTION PLAN

MAP QR



IAP QR

OPERATIONAL PERIOD

9/25/2018 0600

to

9/28/2018 0600

Updated on 09/25/2018

1345

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: <p style="text-align: center;">Charlie</p>	2. Operational Period:	Date From: 9/25/2018 Time From: 0600	Date To: 9/28/2018 Time To: 0600																				
3. Objective(s): <u>Management Objectives</u> -Provide for emergency personnel and public safety at all times. -Protect property, improvements, and infrastructure. -Ensure coordinated, timely and accurate release of public information. -Foster and maintain relationships with all cooperators and stakeholders. -Protect economic, natural, cultural and heritage resources. -Maintain fiscal accountability and keep costs commensurate with values at risk. <u>Control Objectives</u> -Keep the fire East of Castic Lake -Keep the fire South of Red Mountain -Keep the fire West of San Francisquito Canyon Rd -Keep the fire North of Pitchess Detention Center																							
General Situational Awareness: Steep and rugged terrain, critically dry and receptive fuel beds, active area for fire history and drought stressed trees.																							
5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Approved Site Safety Plan(s) Located at:																							
6. Incident Action Plan <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">ICS 203</td> <td style="width: 25%;">ICS 215A</td> <td style="width: 25%;">Phone List</td> <td style="width: 25%;">Fire Suppression Repair Plan</td> </tr> <tr> <td>ICS 204</td> <td>ICS 220</td> <td>Training Message</td> <td>Safety Message</td> </tr> <tr> <td>ICS 205</td> <td>Incident Map</td> <td>Travel Map</td> <td></td> </tr> <tr> <td>ICS 206</td> <td>Weather Forecast</td> <td>Demob Plan</td> <td>Camp Map</td> </tr> <tr> <td>ICS 208</td> <td>Fire Behavior</td> <td>Finance Message</td> <td>ICS 214</td> </tr> </table>				ICS 203	ICS 215A	Phone List	Fire Suppression Repair Plan	ICS 204	ICS 220	Training Message	Safety Message	ICS 205	Incident Map	Travel Map		ICS 206	Weather Forecast	Demob Plan	Camp Map	ICS 208	Fire Behavior	Finance Message	ICS 214
ICS 203	ICS 215A	Phone List	Fire Suppression Repair Plan																				
ICS 204	ICS 220	Training Message	Safety Message																				
ICS 205	Incident Map	Travel Map																					
ICS 206	Weather Forecast	Demob Plan	Camp Map																				
ICS 208	Fire Behavior	Finance Message	ICS 214																				
7. Prepared By: S. Smith		Position/Title: Dep. PSC																					
8. Approved by Incident Commander:		Signature:																					
ICS 202																							

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: Charlie		2. Operational Period: Date From: 9/25/2018		Date To: 9/28/2018	
		Time From: 0600		Time To: 0600	
3. Incident Commander(s) and Command Staff:			7. Operation Section:		
IC/UC's C. St. Pierre / L. Dozal (T)		Chief JB Bunton			
Deputy		Planning Ops			
Safety Officer Rich Baligad		Night Ops			
Information Officer Nathan Judy		Staging Area			
Liaison Officer Kevin Klar		Branch I			
		Division/Group A		Greg Cole	
		Division/Group M / Contingency		Pedro Marron, Stenmo (T)	
4. Agency/Organization Representatives:		Division/Group P		Chris Mathews, Hallam (t)	
Agency/Organization	Name	Division/Group Z		Ignacio Pizano, James Jones (t)	
ANF Agency Admin	Jamal Butler	Division/Group			
LASD	Josh Koch	Division/Group Night A/M/P/Z		Steffan Fuller	
CHP	Dave Eadie	Division/Group			
CALFIRE	Patrick Aguada	Division/Group			
LAC	Anderson Mackey	Division/Group			
		Division/Group			
		Branch III			
		Division/Group			
		Division/Group			
		Division/Group			
		Division/Group			
		Branch IV			
5. Planning Section:			Division/Group		
Chief Al Yanagisawa		Division/Group			
Deputy Seneca Smith, D. Gregor (t)		Division/Group			
Resource Unit		Division/Group			
Situation Unit Sara Rathbun		Division/Group			
Situation Unit		Branch V			
Demobilization Unit		Division/Group			
GISS Ed Lamas, Dave Gabledon		Division/Group			
FBAN		Division/Group			
IMET		Division/Group			
Training Tech Spec		Staging Area			
READ Kelsha Anderson/ Lauren Quon		Air Operations Branch		Director:	
6. Logistics Section			Air Support Grp Sup		
Chief Tim Vanderveen		Helibase Manager		Bart Dorman	
Supply Unit					
Facilities Unit Kevin Johnson		8. Finance/Administration Section:			
Ground Support Unit		Chief Pascal D'Souza			
Hired Equipment Tech		Time Unit Jessica Luna			
Communications Unit Ernesto Guijarro		Procurement Unit			
Medical Unit Adrian Reyes		Comp/Claims Unit Rita Burkhalterbroadnax			
Motel Tech Spec		Cost Unit Tammy Hassert			
Food Unit					
Prepared By: Name: Al Yanagisawa		Position/Title: PSC		Signature: _____	
ICS 203		Date/Time: 9/25/2018 2100 hours			

ASSIGNMENT LIST (ICS 204)

1. Incident Name: <p style="text-align: center;">Charlie</p>		2. Operational Period: Date From: 09/25/18 Date To: 09/28/18 Time From: 0600 Time To: 1800				3. Branch: I Div/Group: A Alpha	
4. Operations Personnel: Operations Section Chief: JB Bunton Branch Director: Division/Group Supervisor: Greg Cole Branch Safety:							
5. Resources Assigned:					Reporting Location, Special Equipment, Remarks, Notes, and Information Time Location		
Resource Identifier	Leader	Personnel	Request #				
CRW Fulton IHC	Acosta, Josh S	20	C-16	0600-1800			
KNF 279	Cicairos, Stacy	2	E-41	0600-1800			
SOFR	Baligad	1	O-57	0600-0600			
CRW Texas Canyon Hotshots IHC	Breuklander, Dan	20	C-30	0600-1800			
ENG 19	Thomas	5	E-95	0600-1800			
ENG 13	Cortez	5	E-94	0600-1800			
ENG 314	Stitt	5	E-90	0600-1800			
READ	Anderson/Quon	2	O-94	0600-1800			
LPF DOZ 4		2	E-74	0600-1800			
6. Work Assignments: Hold lines, continue mop up to prevent possibility of fire escape Watch for endangered species, work with READ Backhaul all trash and hose Begin suppression repair							
7. Special Instructions: Reporting Location Lake Hughes Rd MM1680							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
ANF ADMIN	1	COMMAND	173.7750		164.8750		Tn6 Oat Mtn, Tn15 Warm Spring
NIFC T1	2	TACTICAL	168.0500		168.0500		
AIR TO GROUND	5	OPERATIONS	169.1500		169.1500		
EMERGENCY	6	EMERGENCY	168.6250		168.6250		
9. Prepared by: Name: ICS 204 Pos/Title: RESL Date/Time: 9/25/2018 2100 hours Signature: _____							

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Charlie		2. Operational Period: Date From: 09/25/18 Date To: 09/28/18 Time From: 0600 Time To: 0600				3. Branch: I Div/Group: M / Contingency	
4. Operations Personnel: Operations Section Chief: JB Buntton Branch Director: Division/Group Supervisor: Pedro Marron, Stenmo (T)						Branch Safety:	
5. Resources Assigned:						Reporting Location, Special Equipment, Remarks, Notes, and Information Time Location	
Resource Identifier		Leader		Personnel	Request #		
CRW Little Tujunga IHC		J. Gonzalez		20	C-18	0600-1800	
WT 24				2	E-42		
TNF 32				5	E40		
READ		Anderson/Quon		2	O-94	0600-1800	
DOZ STF 51		C. Martin		2	E-47	0600-1800	
SOFR		Baligad		1	O-57	0600-0600	
STC CNF CA-CNF - 6631C		LAMBIRTH, JASON L		27	E-36	0600-1800	
CRW DESCANSO CREW 5		Naylor, Danny		20	C-11	0600-1800	
6. Work Assignments: Hold lines, continue mop up to prevent possibility of fire escape Backhaul all trash and hose Begin suppression repair Watch for endangered species, work with READ							
7. Special Instructions: Reporting Location: Dry Gulch/ Lake Hughes DP10							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
ANF ADMIN	1	COMMAND	173.7750		164.8750		Tn6 Oat Mtn, Tn15 Warm Spring
NIFC T3	3	TACTICAL	168.6000		168.6000		
AIR TO GROUND	5	OPERATIONS	169.1500		169.1500		
EMERGENCY	6	EMERGENCY	168.6250		168.6250		
9. Prepared by: Name:				Pos/Title:	RESL		
ICS 204		Date/Time: 9/25/2018 2100 hours		Signature: _____			

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Charlie		2. Operational Period: Date From: 09/25/18 Date To: 09/28/18 Time From: 0600 Time To: 0600			3. Branch: I Div/Group: P Papa		
4. Operations Personnel: Operations Section Chief: JB Bunton Branch Director: Division/Group Supervisor: Chris Mathews, Hallam (t)					Branch Safety:		
5. Resources Assigned:				Reporting Location, Special Equipment, Remarks, Notes, and Information			
Resource Identifier	Leader	Personnel	Request #	Time	Location		
S/T - ENGINE - 3 - 5650 C	Chapman, William Edward	27	E-38	0600-1800			
CREW - T2IA - Cobras - 2		20	C-10	0600-1800			
SOFR	R. Balidad	1	O-57	0600-1800			
SQF WT 24	B. Roofener	2	E-42	0600-1800			
WT 237				0600-1800			
READ	Anderson/Quon			0600-1800			
Grader	V. Muzyica	2	E-83	0600-1800			
TNF WT 32	B. Herrera	2	E-40	0600-1800			
W/T PVT E-91	J. Kinyon	1	E-91	0600-1800			
W/T PVT E-92	C. Tarello	1	E-92	0600-1800			
W/T PVT E-93	J. Jewett	1	E-93	0600-1800			
CRW Horseshoe IHC	Hallam, Dustin	1 / 1	C-13	0700-0700			
6. Work Assignments: Hold lines, continue mop up to prevent possibility of fire escape Begin suppression repair Backhaul all trash and hose Watch for endangered species, work with READ							
7. Special Instructions: Reporting Location: Dry Gulch/ Lake Hughes DP10							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
ANF ADMIN	1	COMMAND	173.7750		164.8750		Tn6 Oat Mtn, Tn15 Warm Spring
NIFC T7	4	TACTICAL	168.2500		168.2500		
AIR TO GROUND	5	OPERATIONS	169.1500		169.1500		
EMERGENCY	6	EMERGENCY	168.6250		168.6250		
9. Prepared by: Name:			Pos/Title: RESL		Signature: _____		
ICS 204			Date/Time: 9/25/2018 2100 hours				

ASSIGNMENT LIST (ICS 204)

1. Incident Name: <p style="text-align: center;">Charlie</p>		2. Operational Period: Date From: 09/25/18 Date To: 09/28/18 Time From: 0600 Time To: 0600			3. Branch: I Div/Group: Z Zulu	
4. Operations Personnel: Operations Section Chief: JB Bunton Branch Director: Division/Group Supervisor: Ignacio Pizano, James Jones (t) Branch Safety:					Reporting Location, Special Equipment, Remarks, Notes, and Information Time Location	
5. Resources Assigned:						
Resource Identifier	Leader	Personnel	Request #			
STC BDF 6605C		27	E-37	0600-1800		
CRW Springville IHC	MEDINA, JOAQUIN	25	C-15	0600-1800		
ANF DZ 10	D. Gallant	2	E-96	0600-1800		
ANF DZ 12	M. Nott	2	E-97	0600-1800		
CRW Black Eagles - 3		1 / 1	C-12	0700-0700		
6. Work Assignments:						
Hold lines, continue mop up to prevent possibility of fire escape Watch for endangered species, work with READ Backhaul all trash and hose Begin suppression repair						
7. Special Instructions:						
Reporting Location: Quail/ San Francisquito						
8. Communications (radio and/or phone contact numbers needed for this assignment):						
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone Notes
ANF ADMIN	1	COMMAND	173.7750		164.8750	
NIFC T1	2	TACTICAL	168.0500		168.0500	
AIR TO GROUND	5	OPERATIONS	169.1500		169.1500	
EMERGENCY	6	EMERGENCY	168.6250		168.6250	
9. Prepared by: Name:						
ICS 204		Date/Time: 9/25/2018		Pos/Title: RESL 2100 hours		Signature: _____

INCIDENT RADIO COMMUNICATIONS PLAN	Incident Name CHARLIE	Date/Time Prepared 09/24/18 1600	Operational Period Date/Time 9/25/18 0600- 9/28/18 0600
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Utilization of any frequency other than those listed on this form are prohibited, subject to fines by the FCC and demobilization from the incident.

Zn Ch	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Dev	Pwr	Mode A, D or M	Remarks
CH1	COMMAND	ANF ADMIN	OPERATIONS	173.7750	CSQ	164.8750	MPL	N	H	A	Tn6 Oat Mtn Tn15 Warm springs
CH2	TACTICAL	NIFC T-1	DIV A & Z	168.0500	CSQ	168.0500	NONE	N	L	A	
CH3	TACTICAL	NIFC T-3	DIV M	168.6000	CSQ	168.6000	NONE	N	L	A	
CH4	TACTICAL	NIFC T-7	DIV P	168.2500	CSQ	168.2500	NONE	N	L	A	
CH5	AIR TO GROUND	169.1500	OPERATIONS	169.1500	CSQ	169.1500	MPL	N	L	A	
CH6	EMERGENCY	AIR GUARD	EMERGENCY	168.6250	CSQ	168.6250	Tone 1 110.9	N	L	A	

Prepared By (Communications Unit Leader) **Robert Markham III (562) 965-0985cell** Incident Location **Castaic Lake, Santa Clarita**
 County: **LAC** State **CA** Latitude Longitude

The convention calls for frequency lists to show four digits after the decimal place (five digits for 700 MHz frequencies). The letter "U", "N", or "W" in the deviation (Dev) column reflects whether the frequency is ultranarrow (6.25 kHz), narrow (12.5 kHz) or wide band (25 kHz). Mode refers to either "A" indicating Analog, "D" indicating Digital (e.g. Project 25) or "M" indicating Mixed Mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeaters (and depending on use, base stations) must be programmed with the Rx and Tx reversed.

MEDICAL PLAN (ICS 206)

1. Incident Name: CHARLIE	2. Operational Period: Date From: 9/25/18 Time From: 0600	Date To: 9/27/18 Time To: 1800
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3. Medical Aid Stations:			
Name	Location	Contact Number(s)/Frequency	Paramedics on Site?
LAC S4124	Lake Hughes Rd / Dry Gulch Rd 0600-1800	Command	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

4. Transportation (indicate air or ground):			
Ambulance Service	Location	Contact Number(s)/Frequency	Level of Service
AMR	Lake Hughes Rd / Dry Gulch Rd 0600-1800		<input type="checkbox"/> ALS <input checked="" type="checkbox"/> BLS
Air Squad Hoist Capable	TBD	Command	<input checked="" type="checkbox"/> ALS <input type="checkbox"/> BLS

5. Hospitals:							
Hospital Name	Address, Latitude & Longitude if Helipad	Contact Number(s)/Frequency	Travel Time		Trauma Center	Burn Center	Helipad
			Air	Ground			
Henry Mayo Newhall Hospital	23845 W. McBean Pkwy Valencia CA, 91355 N34 23.94 W118 33.11	(661) 200-1601	5	20	<input checked="" type="checkbox"/> Yes Level: <u>2</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Holy Cross Hospital	15031 Rinaldi St. Mission Hills CA, 91345 N34 16.81 W118 27.67	(818) 496-1270	10	40	<input checked="" type="checkbox"/> Yes Level: <u>2</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
West Hills Hospital	7300 Medical Center Dr. West Hills CA 91307 N34 12.18 W118 37.75	(818) 676-4598	20	60	<input type="checkbox"/> Yes Level: _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

6. Medical Emergency Procedures:
In the event of a medical emergency follow the 8-Step Medical Incident Report, pages 118-119 of the IRPG.

1. Contact Communications
 - a. "Stand-by for Emergency Traffic"
2. Incident Status:
 - a. Severity of Emergency (Red/Yellow /Green)
 - b. Nature of injury/illness/MOI
 - c. Transport request (Air, ground)
 - d. Patient Location (Lat/Long, WGS84)
 - e. Incident name (Geographic name + medical)
 - f. Incident Commander
 - g. Patient Care (provider name)
3. Initial patient assessment - Refer to Page 106
4. Develop transport plan
 - a. Air/Ground, Need for hoist, drop point, Helispot
5. Determine need for additional resources
6. Confirm Communications
 - a. A/G EMS Frequencies
7. Contingency Plan
8. Additional Information
 - a. Updates/changes, etc.

In Camp Emergency: Contact Medical Unit at ICP

EMERGENCY REPORTING WORKSHEET
SEVERITY RED (Immediate) YELLOW (Delayed) GREEN (Minor)
NATURE OF EMERGENCY _____
LOCATION OF PATIENT _____
TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___
POINT OF PICKUP _____
WGS84 LAT _____ LONG _____
PATIENT UNIT ID _____
REMINDER: DO NOT GIVE PT NAME OVER RADIO
IS AN EMT WITH PATIENT: YES ___ NO ___
AGE _____ SEX: MALE _____ FEMALE _____
ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.
Medical Unit Leader K. Klar / A. Reyes

7. Prepared by (Medical Unit Leader): Name: K. Klar MEDL / A. Reyes MEDL(t) Signature: _____

8. Approved by (Safety Officer): Name: Rich Baligad Signature: _____

ICS 206	IAP Page _____	Date/Time: 09-24-18 1845hrs
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Safety Message DAY/NIGHT SHIFT

INCIDENT: **CHARLIE**

DATE: 9/25/18-9/28/2018

TIME: 0600- 0600

**MAJOR HAZARDS and RISKS: FATIGUE – STEEP and ROCKY TERRAIN – NARROW ROADWAYS
to Incident**

ALL PPE – ALL the TIME – On the FIRELINE – NO EXCEPTION!

FIRE ORDER of the DAY – MAINTAIN CONTROL OF YOUR FORCES AT ALL TIMES

Review Wildland Urban Interface Watchout Situations- IRPG Page 12

Identify Escape Routes and Safety Zones of adequate size. As your position changes insure you identify new safety zones and escape routes.

Perform your Risk Assessment BEFORE engaging and identify decision points for DISENGAGING.
IRPG Page 1

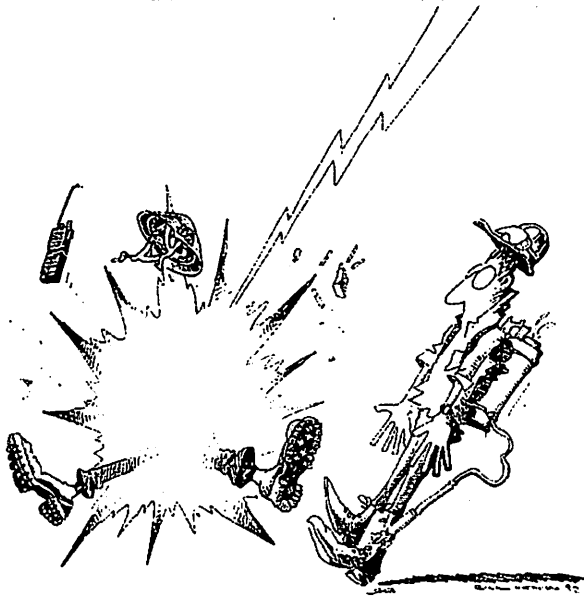
Confirm radio frequencies and that you know how to operate your radio. Develop back up procedures.

Provide for frequent rest breaks and adequate hydration. Monitor yourself and those around you for heat related illnesses. **DON'T LET THE TEMPERATURE FOOL YOU!**

Drive with caution on narrow dusty roads and when in neighborhoods. Remember drive defensively!

Document all tailgate safety briefings on your 214's (to include subject matter) for each operational period

Watch Out Situation of the Day



4. UNFAMILIAR WITH WEATHER AND
LOCAL FACTORS INFLUENCING FIRE
BEHAVIOR

Escape Route/Safety Zone Checklist

Escape Routes:

- *More than one escape route
- *Scouted – soils, vegetation, slope
- *Timed – slowest person, fatigue, dozer speed
- *Marked – flagged for day and night use

Safety Zone:

- *Survivable without a shelter
- *Natural – clean burn, water, bare soil/rock
- *Manmade – constructed sites, roads
- *Scouted for size and hazards
- *Close enough considering escape time needed

Remember and Follow:

- *The 10 Standard Fire Orders
- *The 18 Situations That Shout Watch Out
- *The Common Denominators of Fire Behavior on Tragedy Fires
- *The Downhill Line Construction Guidelines

CHARLIE

National Weather Service Los Angeles/Oxnard

2018-09-24 4:43 AM PDT

Spot Forecast for CHARLIE...CA-ANF

National Weather Service Los Angeles/Oxnard CA

442 AM PDT Mon Sep 24 2018

Forecast is based on forecast start time of 0500 PDT on September 24. If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...Near persistent conditions are expected today. Temperatures will range in the mid to upper 80s with relative humidity dropping down to around 35 percent. Typical gusty southwest winds will develop this afternoon.

For Tuesday and Wednesday, a warming and drying trend is expected across the incident. There will be an increase in northeasterly winds during the overnight hours with weaker southwesterly winds in the afternoon hours.

.TODAY...

Sky/weather.....Sunny.

Max temperature.....86-90.

Min humidity.....18-24 percent.

Eye level winds.....North to northeast 3-6 MPH, becoming southwest 3-6 MPH Gust 11 MPH in the afternoon.

Wind (20 ft).....

Slope/valley.....North to northeast 5-10 MPH, becoming south to southwest 6-12 MPH Gust 18 MPH in the afternoon.

Ridgetop.....North to northeast 6-12 MPH Gust 18 MPH becoming southwest 5-10 MPH Gust 15 MPH in the afternoon.

Mixing height.....Below 1000 ft AGL, increasing to 9000 ft AGL in the afternoon.

Transport winds.....Northeast to east 5-10 MPH.

.TONIGHT...

Sky/weather.....Clear.

Min temperature.....58-64.

Max humidity.....45-55 percent.

Eye level winds.....Southwest 3-6 MPH Gust 11 MPH in the evening, becoming northeast 2-5 MPH Gust 10 MPH after midnight.

Wind (20 ft).....

Slope/valley.....South to southwest 6-12 MPH Gust 20 MPH in the evening becoming north to northeast 5-10 MPH.

Ridgetop.....Southwest 5-10 MPH Gust 15 MPH in the evening, becoming northeast 5-10 MPH Gust 15 MPH after midnight.

Mixing height.....8500 ft AGL in the evening, decreasing to below 1000 ft AGL overnight. In the late evening and overnight.

Transport winds.....Northeast 5-10 MPH.

.WEDNESDAY...

Sky/weather.....Sunny.

Max temperature.....90-95.

Min humidity.....12-18 percent.

Eye level winds.....Northeast 2-5 MPH Gust 10 MPH, becoming southwest 3-6 MPH Gust 11 MPH in the afternoon.

Wind (20 ft).....

Slope/valley.....North to northeast 5-10 MPH, becoming south to southwest 6-12 MPH Gust 20 MPH in the afternoon.

Ridgetop.....Northeast 5-10 MPH Gust 15 MPH becoming southwest 5-10 MPH Gust 15 MPH in the afternoon.

Mixing height.....Below 1000 ft AGL, increasing to 10000 ft AGL in the afternoon.

Transport winds.....Northeast around 10 MPH.



FIRE BEHAVIOR SUPPORT TEAM BULLETIN 2018 FALL FIRE DANGER / BEHAVIOR SITUATIONAL AWARENESS



- █ The fall wildland fire season is here and we need to be ready.
- █ The fall fire season necessitates a situational awareness reminder. Reviewing the Daily Burning Index and correlating Pocket Card for your fire danger awareness will greatly influence your operational readiness.
- █ The last six years of a varied precipitation deficit kept us in extreme drought conditions effecting our wildland fuels. The grass / fine fuel component is abundant and available to initiate fire spread with a single ignition.
- █ This fall fire season is highly conducive to support an increased amount of initial attack due to a robust amount of fine fuels. A wildland fire in grass has the ability to be very aggressive on a routine fall day. Small fires escaping initial attack have the potential to be very challenging when providing for firefighter/public safety and while protecting values at risk.
- █ Several contributing factors exist this 2018 fall fire season. Current live fuel moistures are at a critical value of 60%, and the grass is very receptive. Southwesterly winds are most persistent during fall on routine days. However forecasted Santa Ana Winds are in the near future. Initial attack grass fires with light to moderate winds can and will create a rapid rate of *spread and challenge control objectives*.
- █ The grass will respond quick to an ember cast and create a fire condition that may be experienced on what we feel is a routine day. = Aggressive fire spread.
- █ The fires ability to spot and change direction within steep topography and wind exposure or sheltering will dramatically impact what appeared to be a safe tactic.
- █ Remember the basics with tactics. Establish a solid anchor point and keep one foot in the black/burn. Eliminate or reduce your exposure to unburned fuels between you and the fire. The more unburned fuels between you and an advancing fire front will enhance the fire behavior to change and rapidly compromise your time for safe actions. Identify TRA's and place time on your side to tactfully maneuver and have agility in your mission. Anticipate ahead of the event.
- █ Spotting potential on Santa Ana Wind driven fires can transport embers up to 3 miles away. Rapid fire growth should be forecasted in your risk management process and tactical engagement. A rate of spread can exceed 10 mph over the landscape where topography and wind are in alignment. Maintain your situational awareness by not getting over task saturated...Look up, Look Down and Look Around.

STOP= Situation, Think, Observe, and Predict.



Fire Name: Charlie Fire

Operational Period: Extended

Issue Time/ Date: 9/24/2018
2100 hrs

Date: Tuesday thru Thursday
9/25/18 thru 9/27/18

FBAN: D. Smith- LAC

FBTS: G. Hazleton (t)

Weather:

Sunny hot and dry inland with clear skies.

Temp around 90 Relative Humidity around 16%.

Eye Level Winds= Southwest 3-5 mph with some stronger gusts to 10 mph.

Ridgetop winds = Southwest 8-15 with gust to 25 mph by early afternoon.

Outlook thru Thursday September 27, 2018: Warming trend with dryer air.. Northeast winds late nights and early morning that may extend thru the afternoon. Temperatures remain in the in the 90's.....Request a new spot Weather Forecast for specific incident conditions.

Fuels:

Native Chaparral. Some specific fuel types are. Sage. Sumac. Buckwheat. Chamise. Ceanothus, and grass. Fuel models 1, 5 and 4 are represented.

The Live fuel moisture = 62%. The fuel loading is at 8 Tons per acre. Light fuel bed due to recent burns....Old Growth Fuels exist within the area as well ..

FDFMC 4% 10 DFM hr.=6%. 100 hr. DFM= 8%..... PBI- 80%.

Reference the Santa Clarita Pocket Card.... Burning Index Range= 81 - 110.

Fire Behavior General:

The fire was predominantly Topography driven with wind alignment features. Rate of spread 120 ch/hr with headfire. Flame lengths 15'-50 with headfire alignment. Flanking fire 6'-15' Backing fire 1'-3'.....Spotting has been ¼ to ½ mile downwind. Anticipate this fire activity on an established new fire or spot fire.

Surface heating will cause vortices that have the ability to carry embers across the line. Vortices can travel a significant distance across the burned area.

Fire Behavior Specific:

All Divisions

- Minimal fire activity anticipated due to aggressive fire suppression efforts. The potential is the fire with wind exposure progress. Heads up on transitioning winds. Any heat source has the ability to generate aggressive fire behavior if well established under the current and forecasted weather and fuel conditions.
- Night time fire activity should be anticipated if the fire gets re established.

Air Operations

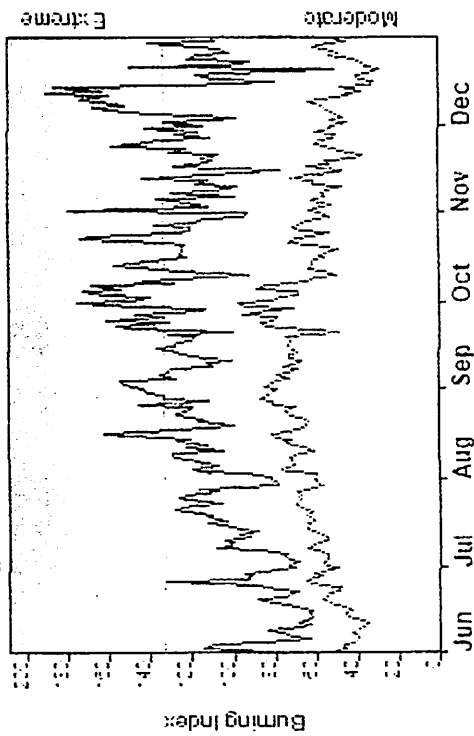
Clear skies forecasted.

Safety

- Identify wind and slope alignment direct attack will fail with head fire alignment it is out of the threshold of control.
- Identify transitioning winds from Southwest to Northeast for the extended period.

FIRE DANGER -- Santa Clarita_2018

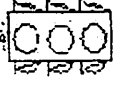
Maximum Average, and Minimum Average, based on 10 years data



Fire Danger Area:

- ◆ Santa Clarita Fire Zone
- ◆ Santa Clarita WA Zone
- ◆ SIG SOV WA Station
- ◆ URBAN NWCG WX Station

Fire Danger Interpretation:



- ◆ Moderate -- Use extreme caution
- ◆ Watch -- Watch for change
- ◆ Lower Extremes -- Always be aware

Maximum -- Highest Burning Index by day for 2018-2019

Average -- Shows peak fire season over 10 years 2009 observations

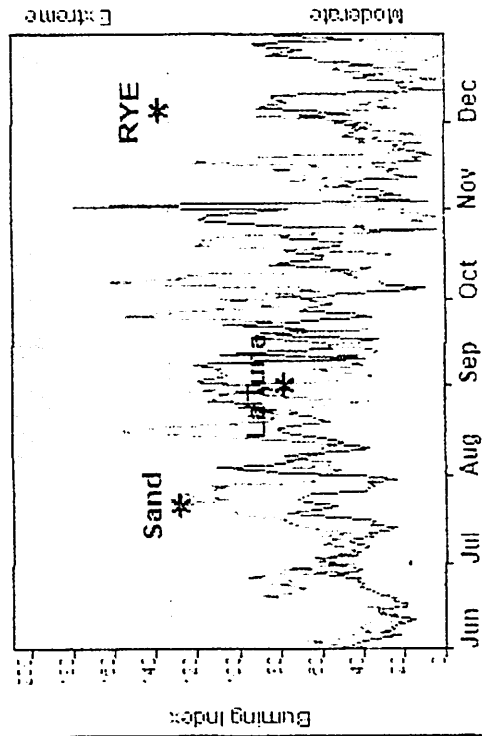
Minimum -- Only 25% of the 2009 days were above 2018

Local Burning Index above 100

Local Thresholds - Watch out: Conditions

- ◆ Any of these factors can greatly increase fire behavior
- ◆ 20' Wind Speed over 15 mph, RH less than 25%, Temperature over 50, Burning Index over 100

Years to Remember: 2011-2016



Remember what Fire Danger tells you:

- ◆ Burning Index is a dry-bulb-only calculation
- ◆ Calculated from 2 parameters: Fuel Moisture and Wind
- ◆ Fuel Moisture is a function of temperature, humidity, and precipitation
- ◆ Wind is a part of the calculation
- ◆ Watch local conditions and variations across the area -- Fuel Moisture, Topography
- ◆ Weather to weather forecasts -- especially wind

Past Experience:

- ◆ Wind Driven Fire Can Produce Rates of Spread 1000 ft/min
- ◆ Scorching can occur at the base of the front
- ◆ Eye level winds 1000 ft/min
- ◆ Fire Fuel Moisture is 70%
- ◆ Fire Fuel Moisture is 10%
- ◆ Active fire burning conditions with RH 100%
- ◆ Non-Active Fire Fuel Moisture 10% on the fire ground
- ◆ Identify the amount of fuel, access and escape routes

Finance Message

***PLEASE complete CTR's
and Shift Tickets!!***

Turn them in to the Finance Unit as soon as possible, not
when demob-ing

Thank you!

Fed Time is located in the small white trailer on the south end of trailer row, Non-Fed is located in the red Command 11 trailer.

PAYCHECK



Charlie ICP/Base

