

GREAT FIRE

“The Gr-r-reat Fire”
Incident Action Plan



Thursday, Friday, Saturday
October 6, 7, 8, 2011
0700 – 0700

CA-MVU-011019



**INCIDENT OBJECTIVES**

1. Incident Name

GREAT

2. Date Prepared

10/05/2011

3. Time Prepared

1600

4. Operational Period

10/06/2011 to 10/08/2011 0700-0700**Control Objectives:**

- **Keep and hold the fire within the current established control lines**

6. Weather Forecast for Period

See attached Fire Weather Forecast

7. General Safety Message

See attached Safety Message and Safety Analysis

8.

Attachments (mark if attached)

Organization List - ICS 203

 Medical Plan - ICS 206 Weather & Fire Behavior Forecast Division Assignment - ICS 204 Safety Message & Analysis - ICS 215A Travel & Base Map Communications Plan - ICS 205 Air Ops Summary - ICS 220

9. Prepared by (Planning Section Chief)

M. Conoscente

10. Approved by (Incident Commander)

J. Johnson

Date

10/5/2011

Time

16:00

Great Fire Safety Message

October 6, 7, 8, 2011

Major Hazards and Risks:

MINE SHAFTS are present in the incident area. Be on the lookout for them and avoid them. **REFER TO THE MINE SHAFT SAFETY ALERT!!**

WEATHER!!!! Review the weather forecast.

Steep, Rugged Terrain Watch footing, maintain distance from other crew members. Be aware of possible rock slides or falling rocks due to rain loosened soil, seismic events (rarely mentioned but relevant).

FATIGUE, DEHYDRATION AND HEAT EXHAUSTION!!! Take adequate breaks, watch for fatigue and mitigate, and follow proper hydration procedures.

DRIVING....highways are open, drive with caution while sharing the road with the public. Stay alert when driving on the truck trails, watch for softened areas and possible mud / rock slides from the recent rains.

Key Points:

Keep **Situational Awareness** of your surroundings. Complacency leads to illness/injuries or worse.

Proper PPE is required for the specific task.

The Ten Standard Orders are **FIRM**. There is no compromise.

Every Crew: conduct AND document your tailgate safety message.

Establish and Maintain your LCES.

Each element needs to be established AND maintained throughout the shift, if LCES is compromised, mitigate it.

SAFETY ALERT

ABANDONED MINES

The area that the Great Fire is located has numerous abandoned mines and ventilation shafts. We must make every effort possible to identify, avoid, mark and notify adjoining forces of the hazards they present.

Rotted Support Structures

The wooden debris beneath your feet may be the only thing between you and a lower level several hundred feet below. These once solid beams and frameworks may have been decaying for more than a hundred years.

Open Shafts

These vertical openings extend hundreds of feet to a lower level of the abandoned mine. They may be exposed or concealed by mine debris, dirt, or even a plug of rock. A fall could result in a traumatic death or by drowning in deep water at the bottom.

Deadly Gases and Lack of Oxygen

You probably won't smell anything until it's too late. Abandoned mines are not ventilated and pockets of methane, carbon dioxide and other deadly gases can form or simply displace oxygen with no visible sign. When you breathe these gases your muscles stop responding correctly and your thinking becomes clouded.

Explosive and Toxic Chemicals

The chemical elements of active mining were often left behind when the operation was abandoned. Explosives such as dynamite and blasting caps become very unstable over time and can be exploded if disturbed. Storage containers, boxes, barrels can deteriorate allowing toxic chemicals to leak or to combine into highly dangerous mixtures.

Remember to:
Identify, Avoid, Mark and Notify



INCIDENT Weather Forecast



FORECAST NO: 3
PREDICTION FOR: Thursday-Saturday
SHIFT DATE: 10/6-8/11
TIME AND DATE
FORECAST ISSUED: 2000 PDT 10/5/11

NAME OF FIRE: Great
UNIT: CAL FIRE MVU
SIGNED: Dan Harty

Incident Meteorologist

Dan Harty

WEATHER DISCUSSION:

...GUSTY WINDS AND COOL TODAY THEN TRENDING WARMER AND DRIER...

The low pressure system will continue to provide gusty winds and unseasonably cool weather Thursday. Scattered light showers are possible in the region but little if any rainfall is expected over the fire area. A high pressure ridge will begin to build in on Friday with much lighter winds and clearing skies. Warmer temperatures and lowering relative humidity Friday and this trend will continue through the weekend as a light offshore flow develops and sunny skies prevail. The warmer and drier conditions will also result in decreasing overnight relative humidity recovery Friday night and into the weekend...becoming poor.

THURSDAY:

WEATHER: Partly cloudy with a slight chance of light showers. **CWR:** 5%

TEMPERATURES: Max 53-58 lower slopes/valleys...47-52 mid slopes/ridges.

HUMIDITY: Min 45-55% lower slopes/valleys...55-65 mid slopes/ridges.

20 FT WINDS:

RIDGETOP - West 20-25 mph with gusts to 45 mph early...decreasing to 15-25 mph with gusts up to 35 mph in the afternoon.

SLOPE - West 15-25 mph with gusts to 40 mph early...decreasing to 10-20 mph with gusts to 30 mph in the afternoon.

THURSDAY NIGHT: Partly cloudy in the evening becoming mostly clear. Winds west northwest 15-25 mph with gusts up to 35 mph in the evening...decreasing to northwest 10-20 mph. Minimum temperatures 44-49. Maximum relative humidity 60-70 percent.

OUTLOOK FOR FRIDAY: Mostly sunny and warmer. High temperatures 62-68. Minimum relative humidity 30-35 percent. Upslope winds 5-10 mph...ridge winds north to northeast 5-10 mph. Low temperatures Friday night 49-54 with maximum relative humidity 45-55 percent.

OUTLOOK FOR SATURDAY:

Saturday...Sunny and warmer. Upslope winds 5-10 mph...ridge winds northeast to east 6-12 mph. Maximum temperatures 67-74. Minimum relative humidity 23-28 percent. Low temperatures Saturday night 53-58 with maximum relative humidity 35-45 percent.

FIRE BEHAVIOR FORECAST NO. 03

NAME OF FIRE: GREAT CA-MVU-011019

PREDICTION FOR: Final IAP

SHIFT DATE: 10/06/11 – 10/08/2011 TIME AND DATE FORECAST ISSUED: 10/05/11 1500 Hours

Signed: N. Chris Waters FBAN

WEATHER SUMMARY

See attached Spot Weather Forecast.

FIRE BEHAVIOR

The Great Fire has been under a fairly wet and cool pattern the last two days. It must be remembered that the fire is behind the rain shadow and often doesn't receive the same weather as areas as close as Julian. Don't become complacent or drop your guard just because it was raining in Julian within the last three days. The fire received rainfall but there is no way of knowing how much. There is also the chance that off-shore winds will dry the area out from any benefit that may have been provided by the recent precipitation.

Continue to monitor the fire for hot spots as it begins to warm up over the later part of the week. Conditions can become very windy in this area and off-shore winds are expected, although not very strong, they can cause significant drying. Any hold over hot spots can wake up and threaten some of the interior unburned islands and the fire perimeter.

Unburned islands on the steeper areas of the interior will continue to be available to burn at high intensity in the event of ignition.

SAFETY

This will be a good time to review some basic wildland fire principles as you sit around waiting for the call.

1. Calculating Probability of Ignition, One Hour Fuel Moisture, and Wildland Safety Principles
2. Thunderstorm and Lightning Safety
3. Proper Belt Weather Kit Observations
4. IRPG and Fire Line Handbook Appendix B

INCIDENT RADIO COMMUNICATIONS PLAN

Incident Name GREAT	Date & Time Prepared 10/5/11 1345	Operational Period Date & Time 10/6/11 0700 - 10/8/11 1900
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CH#	FUNCTION	CHANNEL NAME/TALK GROUP	ASSIGNMENT	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode A, D, or M	Remarks
1	COMMAND	CDF CMD 1	ALL BRANCHES	151.3550N	.	159.3000N	141.3	A	TONE 13 (CUYAMACA PK) BK RADIO GRP 16 CH 1
2	TACTICAL	CDF TAC 5	ALL BRANCHES	151.2500N	192.8	151.2500N	192.8	A	BK RADIO GRP 18 CH 15
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Prepared by (Communications Unit) *[Signature]*

Incident Location: 2955 HIGHWAY 79, JULIAN CA 92036

County SAN DIEGO State CA Latitude -116 35.5872 Longitude 33 4.30800

SCOTT PRESTON (COML)

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or 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. Repeater and base stations must be programmed with the Rx and Tx reversed.

MEDICAL PLAN	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED	4. OPERATIONAL PERIOD
	Great Fire	10/05/11	1200	10/6-8/11 0700 hrs - 1900 hrs

5. INCIDENT MEDICAL AID STATIONS			
MEDICAL AID STATIONS	LOCATION		PARAMEDICS
NONE	NONE		YES NO

6. TRANSPORTATION				
A. Air Ambulances				
NAME	ADDRESS	PHONE	PARAMEDICS	
Mercy Air 6	545 Kenney ***Request thru MVU***	800-222-3456	YES	NO
Copter 1 or Copter 2 (Hoist Capable & Night Flight)	1590 La Media ***Request thru MVU***	858-974-9891	XX	

B. Ground Ambulances				
**** Julian Cuyamaca FPD Unit 7596 ****	2645 Farmer Rd Julian, CA ***Request Thru MVU***	760 765-2885	XX	

7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Palomar Hospital	555 E. Valley Pkwy (Trauma Center) Escondido, CA 92025	15 mins	1 hr	858-739-3000	XX			XX
Pomerado	15615 Pomerado Rd. Poway, CA 92065	XXX	1 hr	619 229-3930		XX		XX
UCSD	200 West. Arbor Dr. San Diego, 920	45 mins	2 hrs	619 543-2154	XX		XX	

8. MEDICAL EMERGENCY PROCEDURES	
<p>LINE EMERGENCY: Contact IC for Medical Emergencies. IC will request medical resources through MVU.</p>	<p 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 _____ (if air resource requested)</p> <p>PATIENT UNIT ID _____</p> <p align="center"><small>REMINDER: DO NOT GIVE PT NAME OVER RADIO</small></p> <p>AGE _____</p> <p>Gender: MALE ___ FEMALE ___</p> <p>ALL EMERGENCIES--Secure the area and identify witnesses for later investigation. Keep an accurate log of events. NOTIFY SAFETY AS SOON AS POSSIBLE</p>

ICS 206 8-78	9. PREPARED BY (MEDICAL UNIT LEADER) Daryn Drum, MEDL 	10. REVIEWED BY (SAFETY OFFICER) Chris Cox, SOFR 
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