




Boles Incident

CA-SKU-007064

OPERATIONAL PERIOD

Monday September 22nd 0700 to
Thursday September 25th 0700



INCIDENT OBJECTIVES	1. INCIDENT NAME Boles	2. DATE 9/20/14	3. TIME 2000																				
4. OPERATIONAL PERIOD (DATE/TIME) 9/22/14 – 9/25/14 0700-0700																							
5. MANAGEMENT OBJECTIVES <ul style="list-style-type: none"> • Provide for and maintain public and firefighter safety by utilizing the incident safety analysis process • Encourage and conduct unified damage inspection with all affected agencies • Be financially responsible for all management and fire suppression tactics • Foster and enhance community and political relationships • Evaluate economic impacts to the community 6. GENERAL CONTROL OBJECTIVES <ul style="list-style-type: none"> • Keep the fire within the current control lines • Facilitate the residents' return and entry to their properties 																							
7. WEATHER FORECAST FOR OPERATIONAL PERIOD A gradual cooling trend will be underway, as a distant Pacific low pressure system slowly approaches. Still plenty of sun Monday into Tuesday but temperatures will be cooling off a few degrees each day. Typical moderate south winds expected each afternoon. By Wednesday the storm system moves onshore across northern California with heavy rain across the Salmon and Siskiyou Mountains. However, further east across the Weed area, rainfall will be much lighter - perhaps a tenth of an inch. Lingering showers and high humidity for Thursday.																							
8. GENERAL SAFETY MESSAGE General safety awareness: Hazardous Materials, Unstable structures, Fire weakened trees Citizens back in the area																							
9. Attachments (☑ if attached) <table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Organization List (ICS 203)</td> <td><input checked="" type="checkbox"/> Medical Plan (ICS 206)</td> <td><input type="checkbox"/> Finance</td> <td><input type="checkbox"/> Shift Ticket Example</td> </tr> <tr> <td><input checked="" type="checkbox"/> Weather Forecast</td> <td><input type="checkbox"/> Air Operations (ICS 220)</td> <td><input type="checkbox"/> Training Message</td> <td><input checked="" type="checkbox"/> Water Usage Plan</td> </tr> <tr> <td><input checked="" type="checkbox"/> Fire Behavior Forecast</td> <td><input checked="" type="checkbox"/> Assignment List (ICS 204)</td> <td><input type="checkbox"/> Demob Message</td> <td><input checked="" type="checkbox"/> Unit Log 214</td> </tr> <tr> <td><input checked="" type="checkbox"/> Safety Message</td> <td><input checked="" type="checkbox"/> Travel Map</td> <td><input type="checkbox"/> Phone List</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan (ICS 205)</td> <td><input checked="" type="checkbox"/> Archaeologist message</td> <td><input type="checkbox"/> Suppression Repair Plan</td> <td><input type="checkbox"/> _____</td> </tr> </table>				<input checked="" type="checkbox"/> Organization List (ICS 203)	<input checked="" type="checkbox"/> Medical Plan (ICS 206)	<input type="checkbox"/> Finance	<input type="checkbox"/> Shift Ticket Example	<input checked="" type="checkbox"/> Weather Forecast	<input type="checkbox"/> Air Operations (ICS 220)	<input type="checkbox"/> Training Message	<input checked="" type="checkbox"/> Water Usage Plan	<input checked="" type="checkbox"/> Fire Behavior Forecast	<input checked="" type="checkbox"/> Assignment List (ICS 204)	<input type="checkbox"/> Demob Message	<input checked="" type="checkbox"/> Unit Log 214	<input checked="" type="checkbox"/> Safety Message	<input checked="" type="checkbox"/> Travel Map	<input type="checkbox"/> Phone List	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> Communications Plan (ICS 205)	<input checked="" type="checkbox"/> Archaeologist message	<input type="checkbox"/> Suppression Repair Plan	<input type="checkbox"/> _____
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10. PREPARED BY (PLANNING SECTION CHIEF) Jason Martin (T)	11. APPROVED BY (INCIDENT COMMANDER) 																						

ORGANIZATION ASSIGNMENT LIST

1. Incident Name

Boles

2. Date

9/20/14

3. Time

2000

4. Operational Period

9/22/14- 9/25/14 0700-0700

Position

Name

5. Incident Commander and Staff

Incident Commander

Wyatt Tanner

Deputy

Safety Officer

Information Officer

Liaison Officer

6. Agency Representative

SCSO

Carl Houtman

Weed PD

Steve Shannon

CHP

Dave Peterson

Red Cross

Eric Kilt

7. Planning Section

Chief

Resources Unit

Situation Unit

Documentation Unit

Demobilization Unit

Damage Inspection

Crew Tech

Fire Suppression Repair

Training

GIS

FBAN

Archaeologist

8. Logistics Section

Chief

Deputy

Supply Unit

Facilities Unit

Ground Support Unit

Hired Equipment

Communications Unit

Motel Coordinator

Medical Unit

Food Unit

9. Operations

Chief

Deputy

A. Branch I / II - Division/Groups

Branch Director

Deputy

Division/Group

A / B / M / N / X

Division/Group

B. Branch - Division/Groups

Branch Director

Deputy

Division/Group

Division/Group

Division/Group

C. Branch - Division/Groups

Branch Director

Deputy

Division/Group

Division/Group

Division/Group

D. Branch

Branch Director

Deputy

Division/Group

Division/Group

E. Branch

Branch Director

Deputy

Division/Group

Division/Group

F. Branch

Branch Director

Deputy

Division/Group

Division/Group

G. Air Operations Branch

Air Ops Branch Director

Air Support Group

Heli-Base Manager

10. Finance Section

Chief

P. Peisch / G. Money (T)

Deputy

Mark Glass

Time Unit

Leslie Drexel

Procurement Unit

Dave Irion

Compensation/Claims Unit

Karen Kanawyer

Cost Unit

George Huang

Prepared by (Resource Unit Leader)

Tim Person

DIVISION ASSIGNMENT LIST			1. Branch I / II		2. Division/Group A / B / M / N / X		
3. Incident Name Boles			4. Operational Period Date: 9/23-9/24 Time: 0700-0700				
5. Operations Personnel							
Operations Chief		Wyatt Tanner****			Division/Group Supervisor		
Branch Director					Division Safety		
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line	
ENG SKU 2660****	Pitts	3	Weed FS / 0700	1900			
ENG SKU 2661****	Mason	3	Weed FS / 0700	1900			
ENG SKU 2663****	Gaeddert	3	Weed FS / 0700	1900			
ENG SKU 2664****	Jorgensen	3	Weed FS / 0700	1900			
ENG SKU 2676****	Cormode	3	Weed FS / 0700	1900			
7. Control Operations Tactical patrol and mop-up 100%. Pull hose, backhaul trash and equipment to Weed Fire Station.							
8. Special Instructions * DIVS shall ensure an accountability process for assigned personnel, and ensure that all assigned personnel receive a thorough briefing. ****12 Hour Resource. Resources should eat breakfast at their assigned fire station. Lunches will be provided by the ECC. Dinner is at the Hi Lo Café at 1900. Engines should return to their station for sleeping.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 151.1900 TX 159.2250 Tone 2	King NIFC	1 CDF C10	Line Medical	RX/TX 156.0750	King NIFC	10 CALCORD
Tactical Div/Group	RX/TX 154.2725	King NIFC	3 VFIRE 24	Air to Ground	RX/TX 151.2200	King NIFC	11 CDF A/G
Prepared by (Resource Unit Ldr.) Tim Person		Approved by (Planning Sect. Ch.) Jason Martin (T)			Date 9/20/14		Time 2000

Boles Incident 3-Day Weather Outlook

Incident: **Boles Fire**

Operational Period: **Mon-Wed Sep 22nd – 24th**

Issued: 1600 Saturday Sep 20th 2014

Discussion: A gradual cooling trend will be underway, as a distant Pacific low pressure system slowly approaches. Still plenty of sun Monday into Tuesday but temperatures will be cooling off a few degrees each day. Typical moderate South winds expected each afternoon. By Wednesday that storm system moves onshore across Nrn CA with heavy rain across the Salmon and Siskiyou Mountains. However, further east across the Weed area, rainfall will be much lighter, perhaps a tenth of an inch. Lingering showers and high humidity Thursday.

*** NOTE - All forecast winds are for the *20-ft level* ***

Monday: Sunny. Max temp 82-87 deg, Min RH 15-20%. Wind SE 12-17 mph gust 25 mph

Tuesday: Partly Sunny. Max temp 80-85 deg, Min RH 17-22%. Wind S 15-20 mph gust 27 mph

Wednesday: Cloudy, Rain developing. Max temp 72-77 deg, Min RH 30-40%. Wind SW 10-20 mph




Incident Meteorologist – Predictive Services

Basil Newmerzhycky

Basil Newmerzhycky

FIRE BEHAVIOR FORECAST

FORECAST NUMBER 6	TYPE OF FIRE	SURFACE
FIRE NAME Boles	OPERATIONAL PERIOD	9/22/14-9/24/14
DATE ISSUED 9-21-14	TIME ISSUED	1900 HOURS
UNIT Siskiyou	SIGNED	Jon Heggie 

INPUTS

WEATHER SUMMARY

Warm dry weather should persist for the today and tomorrow with a chance of rain for Wednesday. To ensure that spot weather forecast are accurate look for any changes to predicted fire weather by the NWS.

SEE ATTACH FIRE WEATHER FORECAST

OUTPUTS

FIRE BEHAVIOR

GENERAL

The extremely dry and warm conditions have combined with the long term extreme drought conditions to drive fuel moistures critically low, live and dead. Numerous large fires experienced extreme fire behavior and rapid growth during August and September. Pyrocumulus cloud development, rapid spread, and long range spotting has occurred on all our large fires when instability, topography and fuels have been in alignment. As the incident has transition from fire suppression to hazard mitigation and community rehabilitation, the threat of lagre scale fire growth for the region remains extremely high. The live fuel moistures are at historic lows for Manzanita at 72% and approaching historic lows for 1000-hour fuels at 13%. The Energy Release Component for the Weed Airport has been at historic highs for the last week and remains above the 90th percentile. The fire area is a mix of brush, timber and grass.

SPECIFIC

Monday

Southern exposed hillsides will have the best environment for any fire growth. Fire activity for the Unit has been extremely active and will continue until measurable rainfall this winter. Rates of spread in the timber understory will exceed **35ch/h** and have flame lengths above **14ft**. Rates of spread in brush will exceed **224ch/h** and have flame lengths above **27ft**. Probability fro a firebrand is **89%**.

Tuesday

Recent fires have shown almost complete consumption of large dead fuels. Expect higher probability of ignition and increased spotting due to increased amount of receptive and available surface and aerial fuels. Rates of spread in the timber understory will exceed **28ch/h** and have flame lengths above **13ft**. Rates of spread in brush will exceed **176ch/h** and have flame lengths above **24ft**. Probability fro a firebrand is **88%**.

Wednesday

Firefighters should acknowledge and prepare for fire growth and fire behavior that may exceed anything they have experienced before due to the extreme drought. Rates of spread in the timber understory will exceed **15ch/h** and have flame lengths above **9ft**. Rates of spread in brush will exceed **99ch/h** and have flame lengths above **16ft**. Probability fro a firebrand is **29%**.

AIR OPERATIONS:

- Air resources may be new to the incident so ensure that your communications reference geographic locations not divisions or branches

SAFETY

- Hazard trees will kill you, know where you are working at all times and look up!
- Don't let a lack of fire activity create a complacent attitude
- New fires will grow rapidly, attack all fires with safety as your first priority



SAFETY MESSAGE

BOLES



CA-SKU 7064 SEPTEMBER 22 to 25, 2014 0700-0700

GENERAL SAFETY AWARENESS

MANY HAZARDS AND RISK REMAIN

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Watch out for

- Hazardous Materials, LPG, Kerosene.
- Unstable structural members and free standing chimneys.
- Snags, fire weakened trees.

Mitigation – Look up to live- Look up, Look Down, Look all around.

- Wear proper PPE including N95 masks and SCBA as required.
- Look for leaking containers and other haz mat situations that may need to be addressed.
- Be aware of your surroundings – look for hazards and consider risk!

CITIZENS BACK IN THE AREA

CIVILIAN POPULATION IN THE FIRE AREA

Maintain a high level of situational awareness particularly

- Watch for vehicles and civilian foot traffic.
- Watch for distracted civilians driving through the area.
- Watch for the unexpected while performing your work assignments
- Vehicles will be moving in tight areas around residences, schools and parking areas
- Increased backing and maneuvering of vehicles in tight spots.

Mitigation – Drive with a high level of Situational Awareness

- Practice defensive driving techniques.
- Provide good customer service without compromising safety.
- Use warning lights as appropriate when on roadways.
- Maintain high levels of situational awareness in residential and school areas
- Provide back-up and spotter personnel - more than one may be required
- Drive safely and monitor fatigue when traveling to home unit or new incident.

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Robert Wood

Safety Officer

Zn / Ch	Function	Channel Name/Trunked Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode A, D, M	Remarks
1	COMMAND	CDF C10	ALL DIVISIONS	151.1900	103.5	159.2250	123.0	A	TONE 2
2	TACTICAL	VFIRE 24	ALL DIVISIONS	154.2725	156.7	154.2725	156.7	A	
3	TACTICAL	CALCORD	MEDICAL- LINE	156.0750	156.7	156.0750	156.7	A	LINE-MEDICAL
4	AIR to GROUND	CDF A/G	ALL DIVISIONS	151.2200	0.0	151.2200	0.0	A	
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16	AIR GUARD	GUARD	EMERGENCY ONLY	168.6250	0.0	168.6250	110.9	A	
17									
18									
19									
20	AIR GUARD	GUARD	EMERGENCY ONLY	168.6250	0.0	168.6250	110.9	A	

Prepared By (Communications Unit Leader): **Austin L. Browne**
 Incident Location: **Yreka Fairgrounds**
 County: **Siskiyou** Siskiyou Latitude, Longitude

Deviation is assumed to be narrow band unless otherwise noted in the remarks. Mode refers to either "A" (analog), "D" (digital) or "M" (mixed mode). 1/14/14 v.5

MEDICAL PLAN ICS 206

1. INCIDENT NAME
BOLES

2. DATE PREPARED
9/20/14

3. TIME PREPARED
1200 hrs

4. OPERATIONAL PERIOD
9/22-24/14
0700-0700 hrs

5. INCIDENT MEDICAL AID STATIONS

6. TRANSPORTATION

A. AMBULANCE SERVICES

NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
Mt. Shasta Ambulance	1020 Oak Street; Mt. Shasta, CA.	530-926-3420	X	
Reach 5 Air Ambulance	Redding, CA.	877-939-6300	RN	
PHI Air Ambulance	Redding, CA.	800-597-9571	RN	

B. INCIDENT AMBULANCES

Name	LOCATION	PARAMEDICS	
		YES	NO

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME- minutes		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
		Mercy Medical Level III trauma	914 Pine St., Mt. Shasta, CA.		5	12	530-926-6111	X
Mercy Redding Level II trauma	2175 Rosaline Ave; Redding, CA.	39	70	530-225-6000	X			X
Fairchild Medical	444 Bruce St., Yreka, CA.	10	25	530-841-6259	X			X
U.C. Davis Level I Trauma	2315 Stockton Blvd. Sacramento, CA	90	4 HR	916-734-3636	X		X	

8. MEDICAL EMERGENCY PROCEDURES

LINE EMERGENCY:

Crew Supervisor will contact the Incident Commander with patient complaint/symptoms and location.

- Incident Commander contacts:
 1. Emergency Command Center
 2. Request any additional resources and/or equipment needed
- Emergency Command Center contacts:
 1. Proper agency/resources for emergency response
- Incident Commander will run medical emergency on command channel
 1. A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of need.

INCIDENT REPORTING PROCEDURES

CHIEF COMPLAINT _____
 LOCATION OF PATIENT _____
 POINT OF CONTACT _____
 TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___
 POINT OF PICKUP _____
 LAT _____ LONG _____
 PATIENT UNIT ID _____
 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.

Hospital	LAT	LONG
Mercy Medical	N41 19.12	W122 19.27
Mercy Redding	N40 34.31	W122 23.72
Fairchild Medical	N41 43.17	W122 38.75
U.C. Davis	N38 33.20	W121 27.10

ICS 206

9. PREPARED BY: (Medical Unit Leader) Darin Nelson

10. REVIEWED BY: (Safety Officer) Jack Piccinini

10

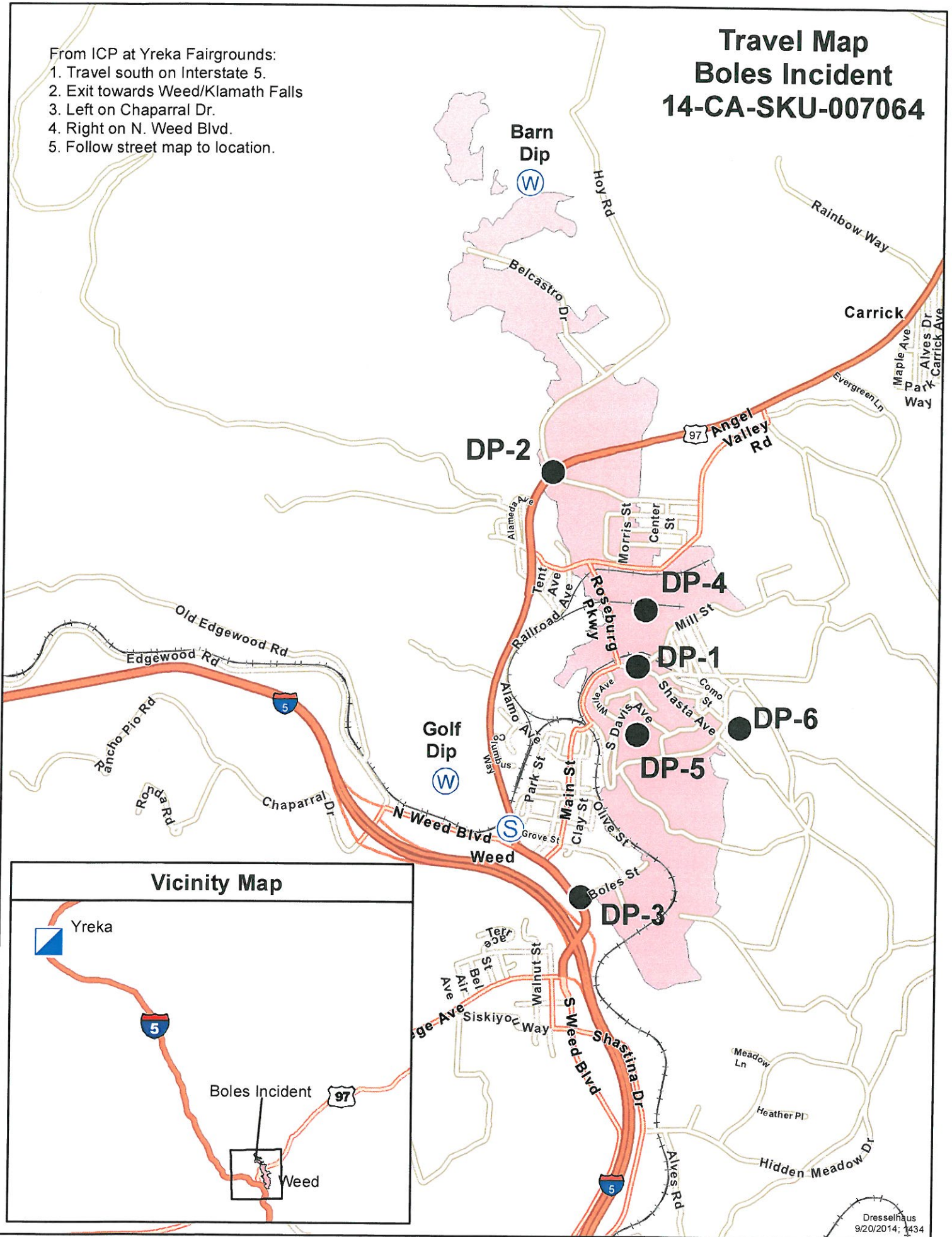
Archaeological and Historical Sites Fireline Guidance for the Boles Incident

Do not compromise safety for the protection and preservation of archaeological and historical sites. When feasible and prudent:

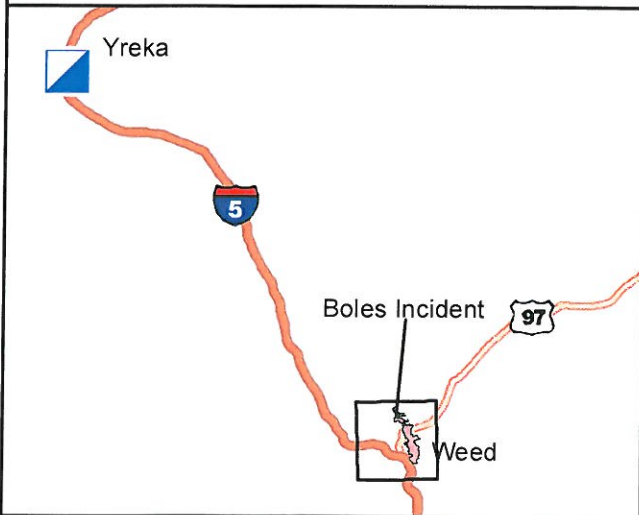
1. Be on the lookout for prehistoric and historic sites. Prehistoric archaeological sites include temporary camps containing scatters of obsidian and/or chert flakes that often look like broken glass. More permanent village sites containing circular depressions (house pits), artifact scatters, and dark brown-black soils (midden). These typically occur on flats near sources of water, along ridgetops and saddles, and other such places suitable for camping. Historic sites include old wooden buildings, structures and corrals, rock foundations, wells, and debris scatters. These kinds of resources can be found in the same kinds of environmental settings as prehistoric camp sites.
2. No archaeological or historical sites have yet been flagged. If you observe artifacts, features, or sites, attempt to avoid dozing or driving through and/or parking on these sites, if feasible, especially with heavy equipment.
3. If you can't avoid sites, minimize disturbance as much as feasible, only clearing the surface to as minimal a depth and width as necessary.
4. Leave all artifacts in place. Some artifacts may have been intentionally placed for religious or ceremonial reasons.
5. When a site is discovered, flag it for visibility and report its location to the Division Supervisor. If feasible, note locations of discovered resources on a map. Better yet, take a GPS reading. Leave information with the Plans Section so that the sites can be relocated and protected during both the suppression and fire suppression repair phases of the Incident.
6. If you encounter a burial or other human remains, cease work in that area immediately and contact the CAL FIRE Archaeologist. State law requires that CAL FIRE then contact the County Coroner, who will then determine if the remains are part of a crime scene. If the Coroner determines that the remains are Native American, State law requires the Coroner to contact the Native American Heritage Commission in Sacramento.

Travel Map Boles Incident 14-CA-SKU-007064

- From ICP at Yreka Fairgrounds:
1. Travel south on Interstate 5.
 2. Exit towards Weed/Klamath Falls
 3. Left on Chaparral Dr.
 4. Right on N. Weed Blvd.
 5. Follow street map to location.



Vicinity Map



CAL FIRE INCIDENT MANAGEMENT TEAM WATER USAGE PLAN

California Drought Emergency

The following shall be considered and implemented by all fire resources as a means to provide maximum efficiencies when utilizing water resources, while minimizing the impacts to private and public water supplies. Accountability shall be maintained for all water supplies that are utilized and care should be applied to ensure proper replacement and/or reimbursement to the supplier/ owner.

Fireline personnel- (During mop up operations)

- Use of Pencil Hose and Garden Nozzles with Shut-Offs.
- Use of Back pumps.
- Dry Mop-up and consolidation of heavy fuels to areas where they can burn out safely
- Locate/ Relocate Firelines to lighter fuels or natural barriers when safe.
- Set up and use portable tanks in anticipation of longer transport times for Water Tenders.
- Use of foams, gels and other water enhancers.
- Evaluate need to mop up in excess of 200 feet from fireline

Road Maintenance and Repair-

- Monitor and water roads only when and where needed.
- Water when most effective (evening and nights).
- Use chemical treatments when available (Magchloride, Omni bind ect).
- Consider use of tertiary or treated water (sp)

Aviation Operations-

- Use of Gels, Foams and Retardants. Set up portable plants.
- Consider Blivits and Pencil hose for interior mop up operations as opposed to numerous bucket drops.
- Establish and use pre-use agreements for existing and known water sources.
- Use large watershed dip sites when able. Minimize use of small, static ponds and lakes.
- Maintain accountability of water used and locations of dip sites.
- Evaluate need for interior bucket drops

Private Water Supplies-

- Notify property owner as early as possible.
- Minimize usage and develop alternative water supplies when and where appropriate.
- Track usage (meter, 214 form) and develop a plan to replace water.
- Make arrangements for reimbursement and damage claims if needed.

Public/ Municipal Water Supplies-

- Notify Agency as soon as possible and request a representative to the incident.
- Identify fill areas and request metering devices. Place on incident map.
- Use alternative or reclaimed water sources when available. Place on incident map.
- Make arrangements for reimbursement and damage claims if needed.

Management and Supervision-

- Use leaders intent and establish Water Conservation as an Management Objective.
- Consider complexity of water use on incidents. Establish a Water Supply Group Supervisor to coordinate additional resources to support the incident needs.
- Complete the Water Usage Report daily and turn in to Finance
- Review this check list and brief daily.

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