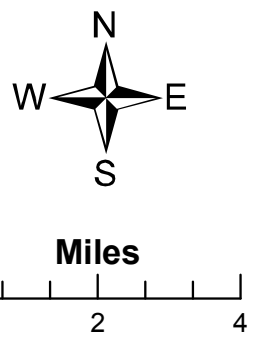


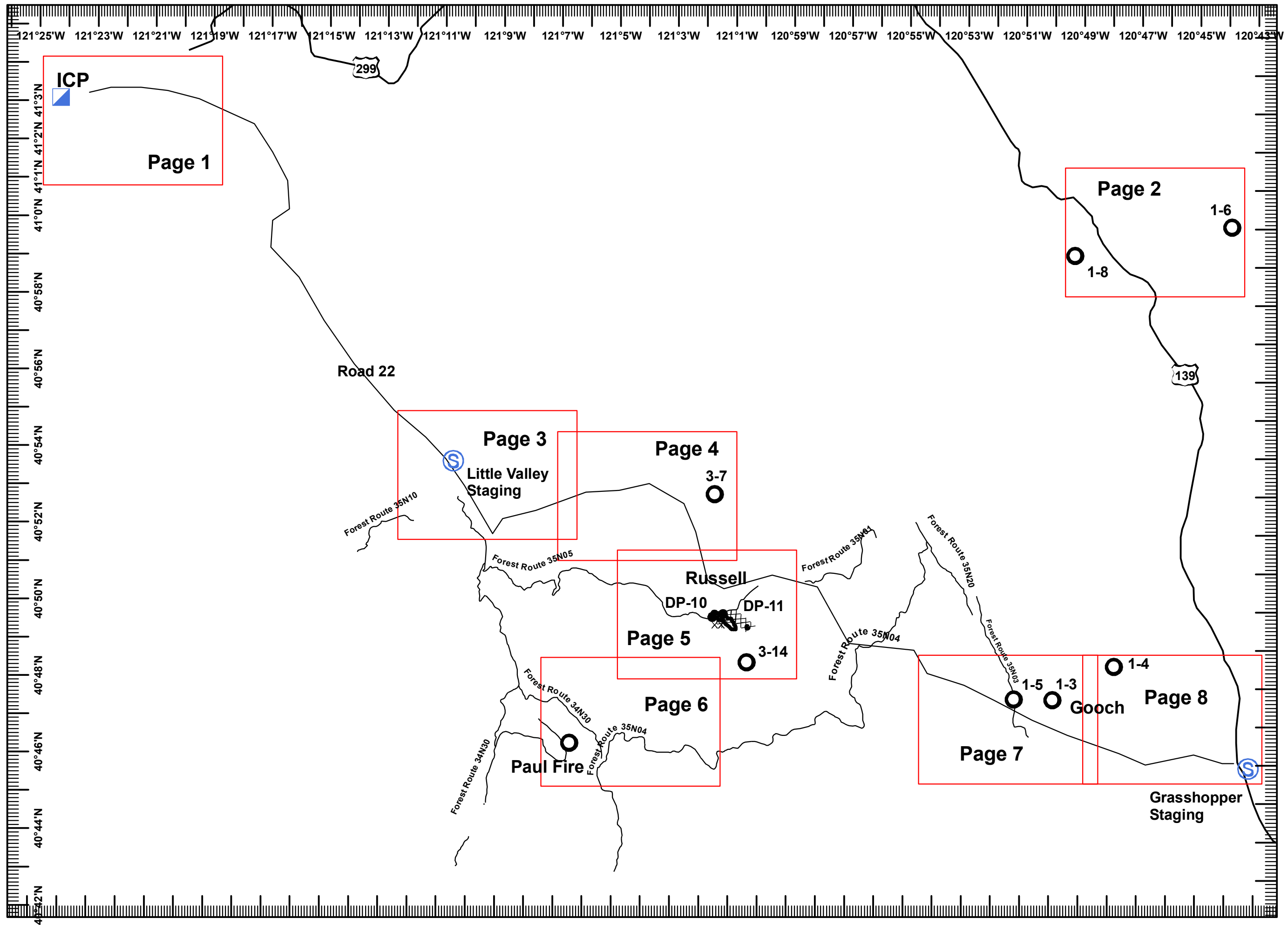
**Russell Complex  
Final IAP Map  
CA-LMU 003556  
07-29 to 7-31-2010  
Day Shift  
Nad83 TA  
Cover Page**

**Legend**

- Drop Point
- ▣ Incident Command Post
- Ⓢ Staging Area
- Completed Line
- XXXXX Completed Dozer Line
- Completed Fire Locations

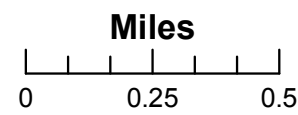


Team 2 GIS  
July 28, 2010  
1856 Hours

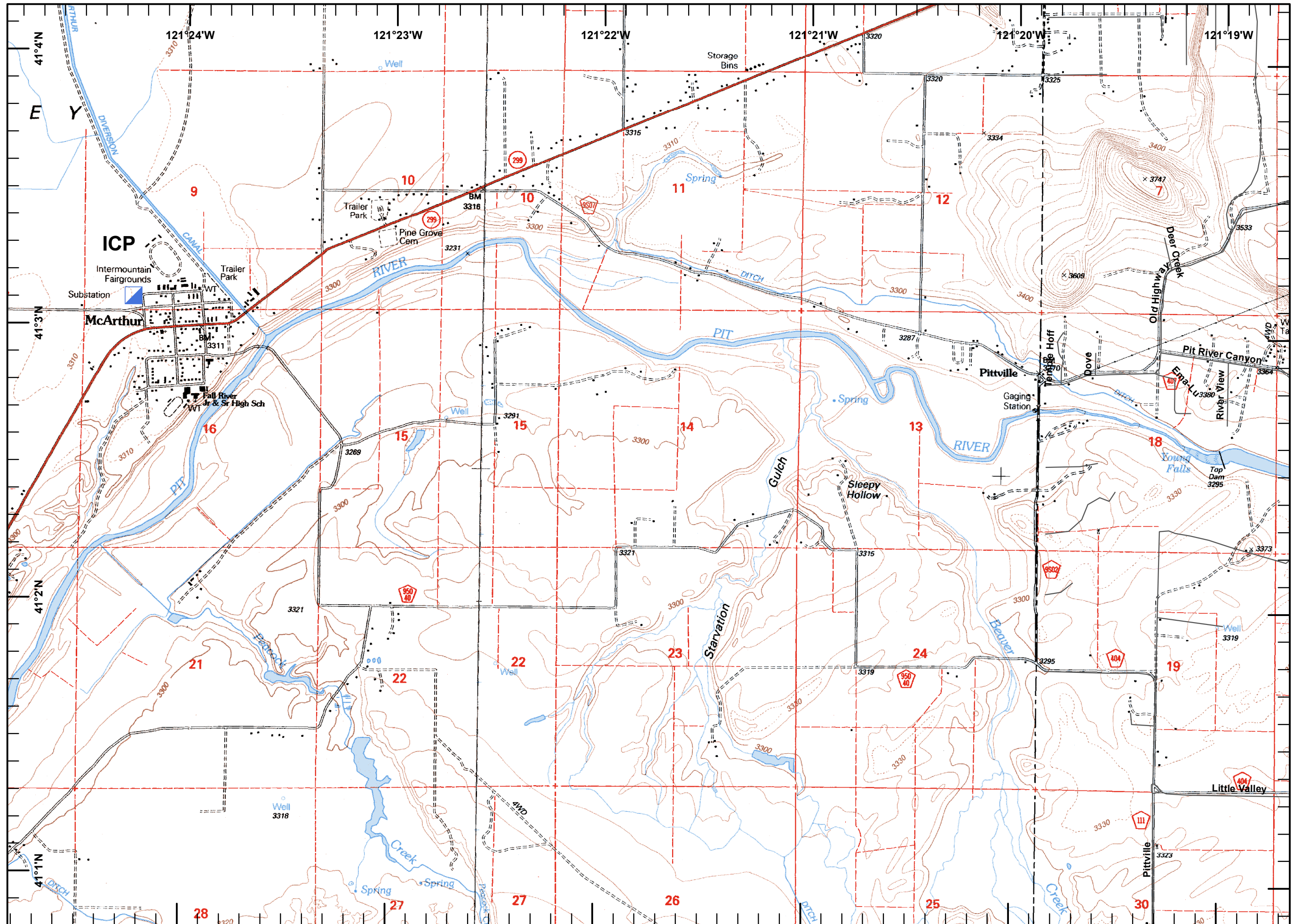


**Legend**

- Drop Point
- Incident Command Post
- Ⓢ Staging Area
- Completed Line
- XXXXX Completed Dozer Line
- Completed Fire Locations



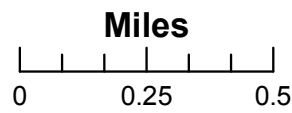
Team 2 GIS  
July 28, 2010  
2041 Hours



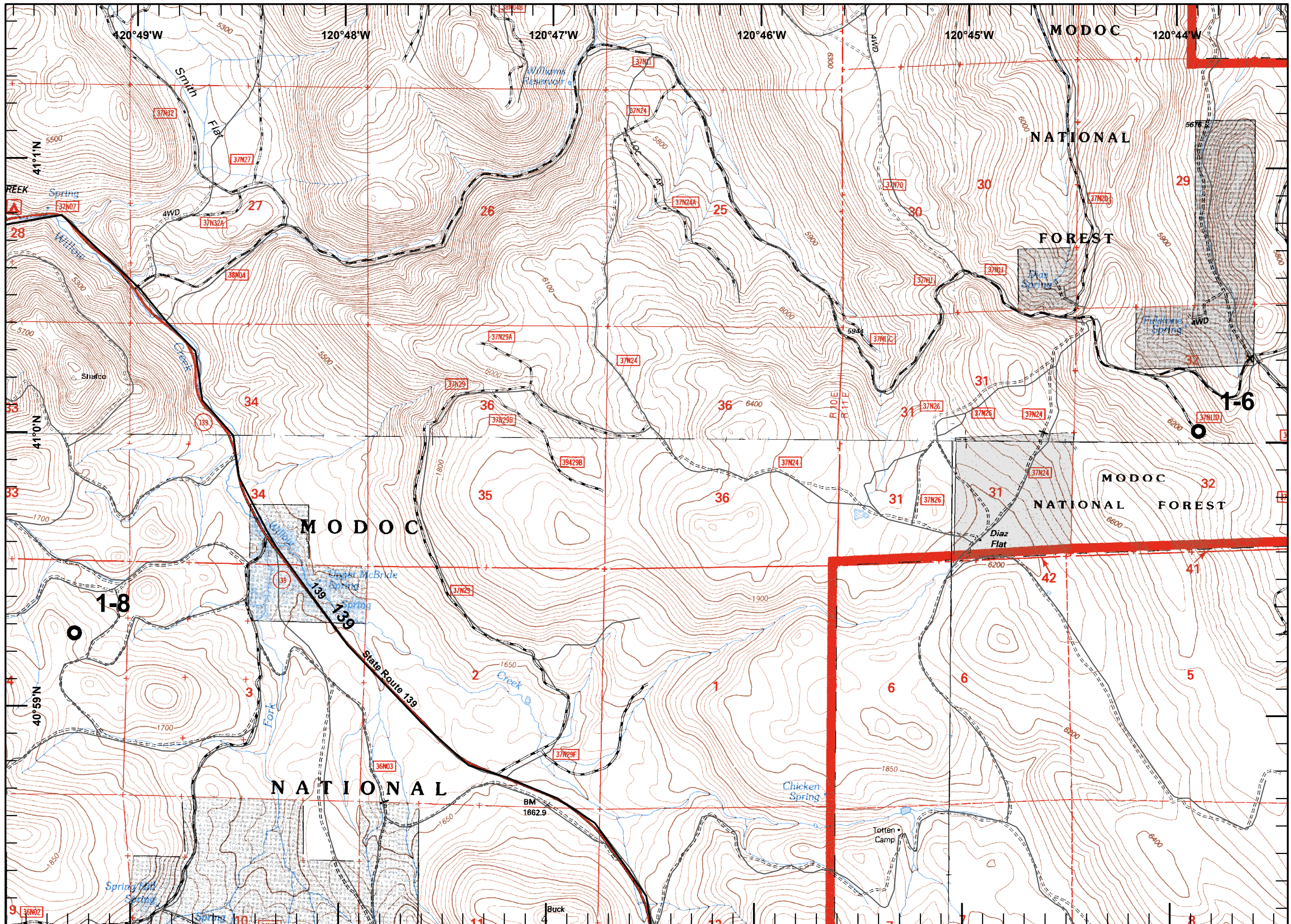


**Legend**

- Drop Point
- Incident Command Post
- ⊙ Staging Area
- Completed Line
- XXXXX Completed Dozer Line
- Completed Fire Locations

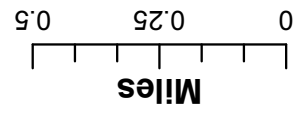
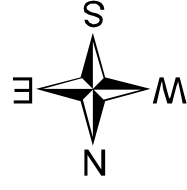


Team 2 GIS  
 July 28, 2010  
 2041 Hours

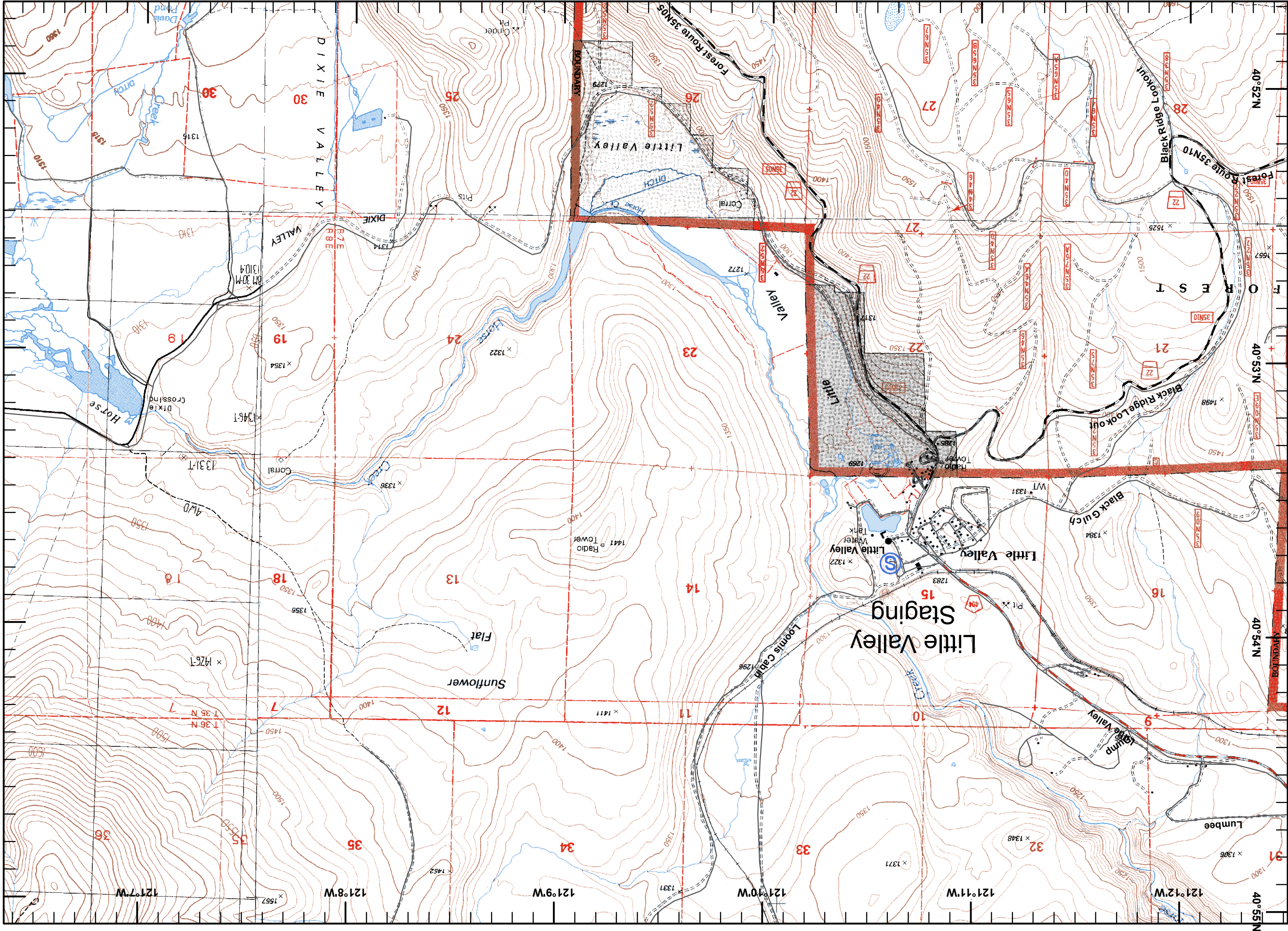




- Legend**
- Drop Point
  - Incident Command Post
  - Ⓢ Staging Area
  - Completed Line
  - ⊗ Completed Dozer Line
  - Completed Fire Locations



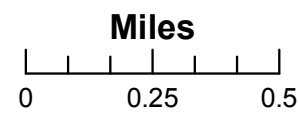
Team 2 GIS  
 July 28, 2010  
 2041 Hours



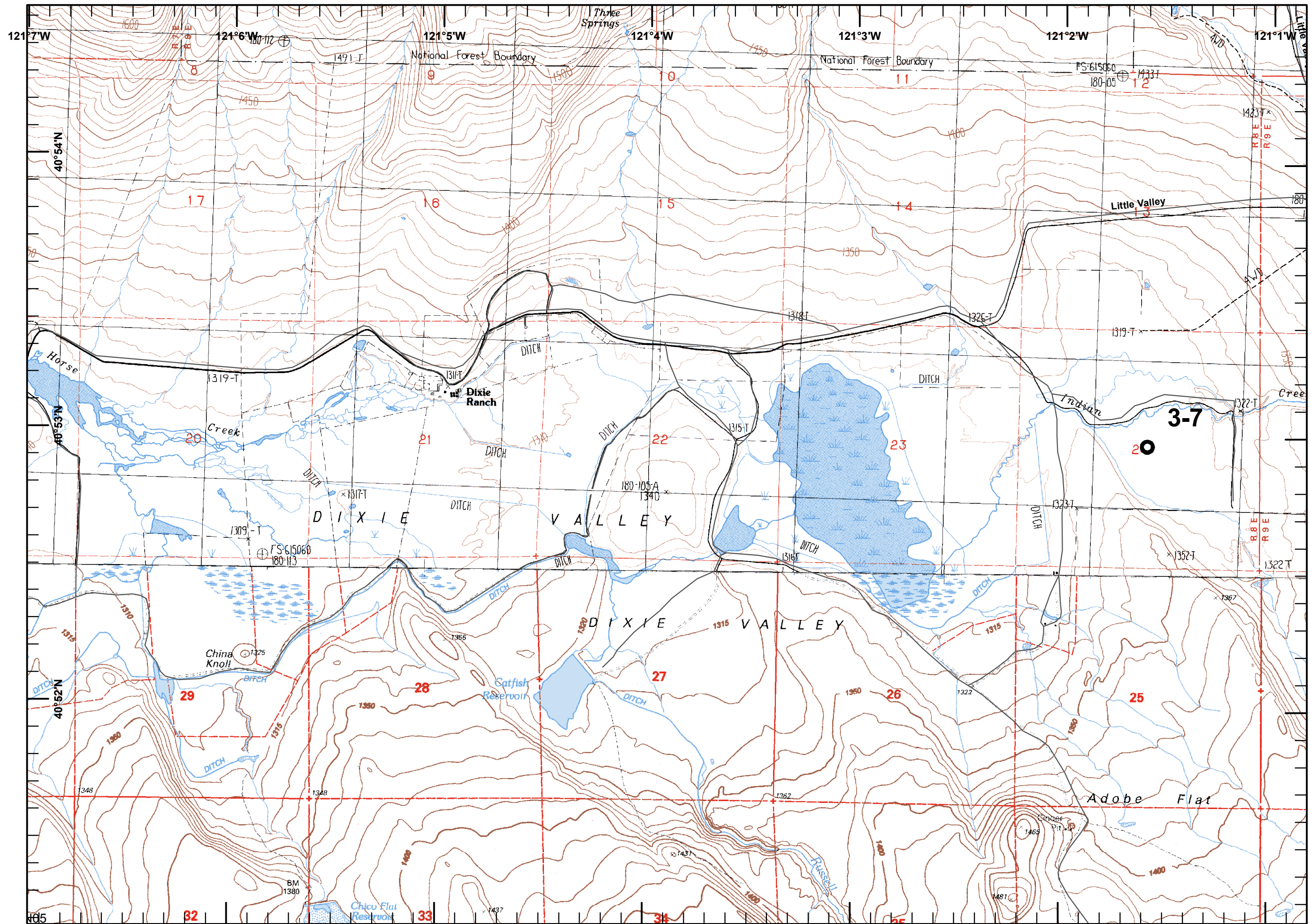


**Legend**

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- Completed Line
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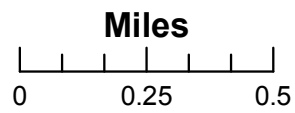
Team 2 GIS  
July 28, 2010  
2041 Hours



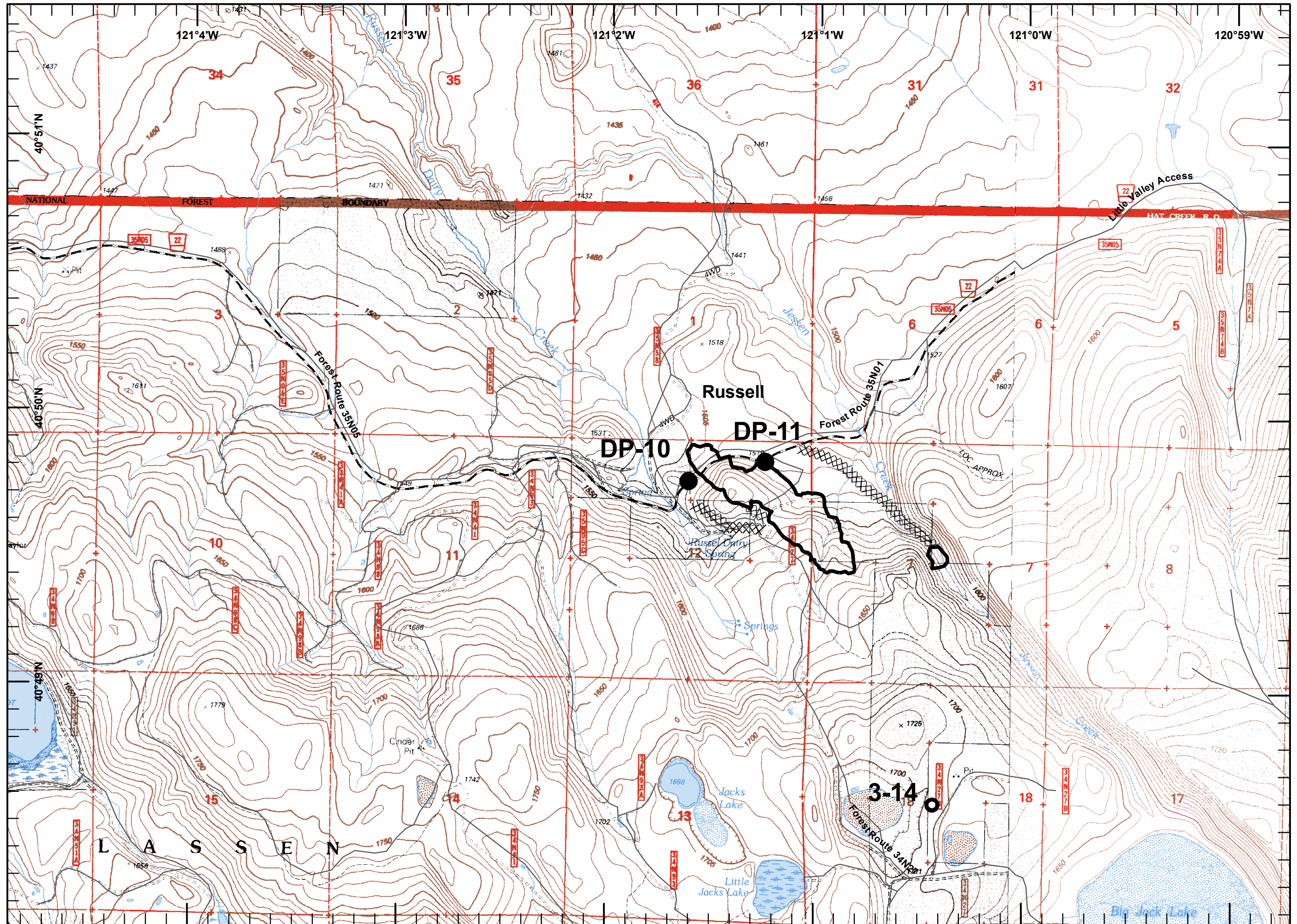


**Legend**

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- ⊙ Staging Area
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- Completed Fire Locations



Team 2 GIS  
 July 28, 2010  
 2041 Hours



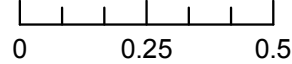


**Legend**

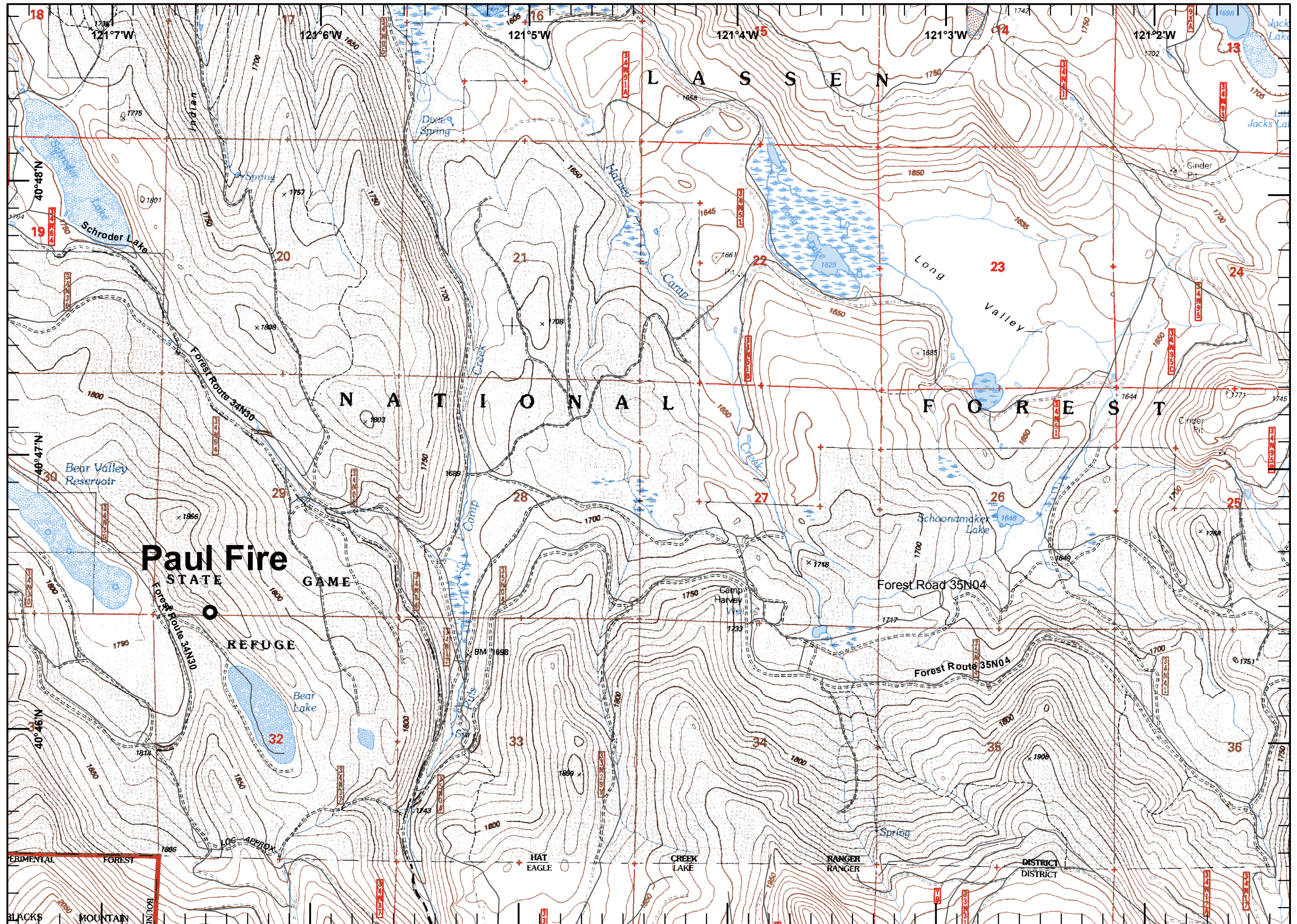
- Drop Point
- Incident Command Post
- ⊙ Staging Area
- Completed Line
- XXXXX Completed Dozer Line
- Completed Fire Locations



Miles



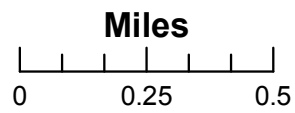
Team 2 GIS  
 July 28, 2010  
 2041 Hours



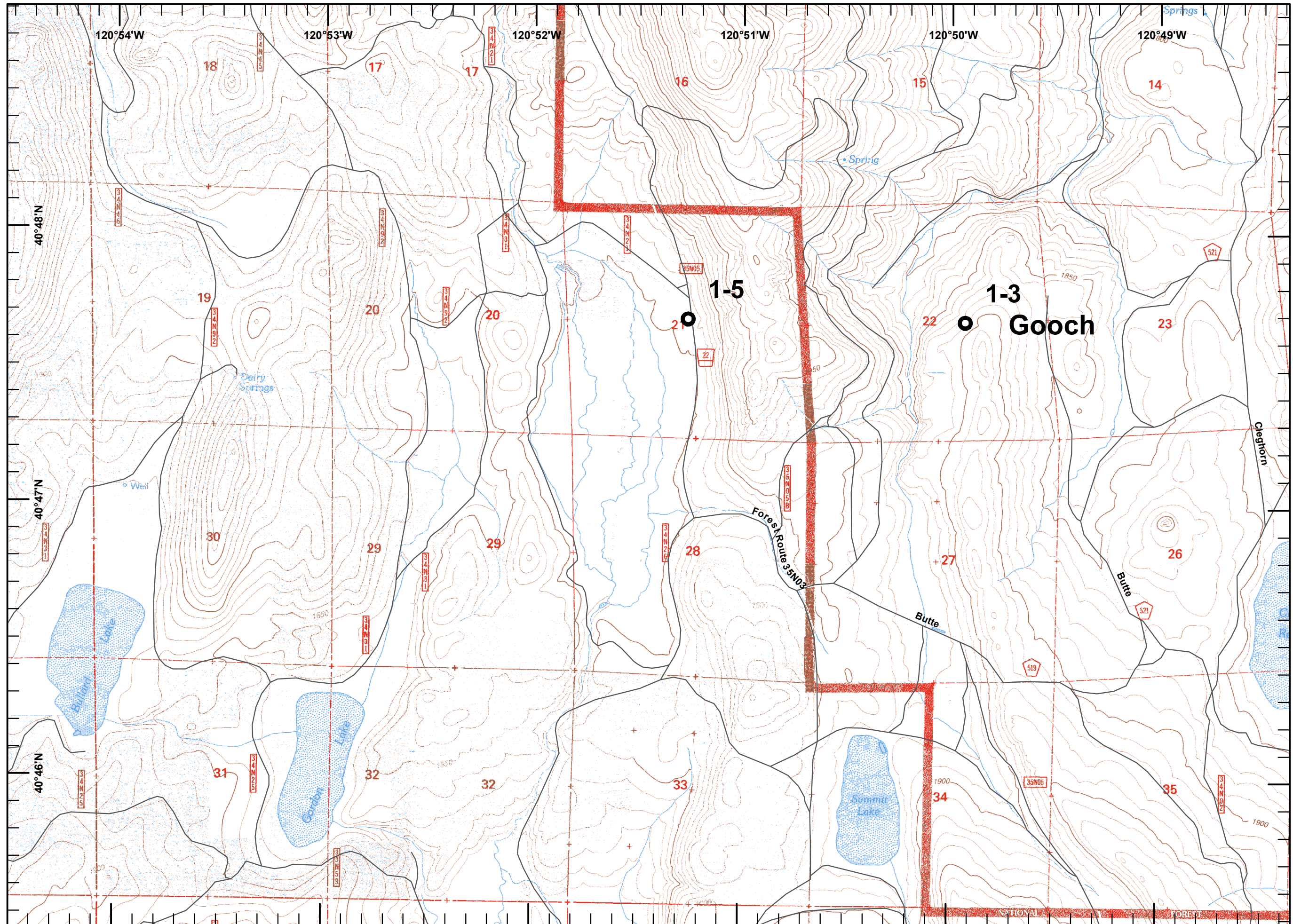


Legend

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- Completed Fire Locations



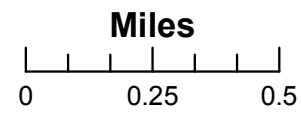
Team 2 GIS  
July 28, 2010  
2041 Hours



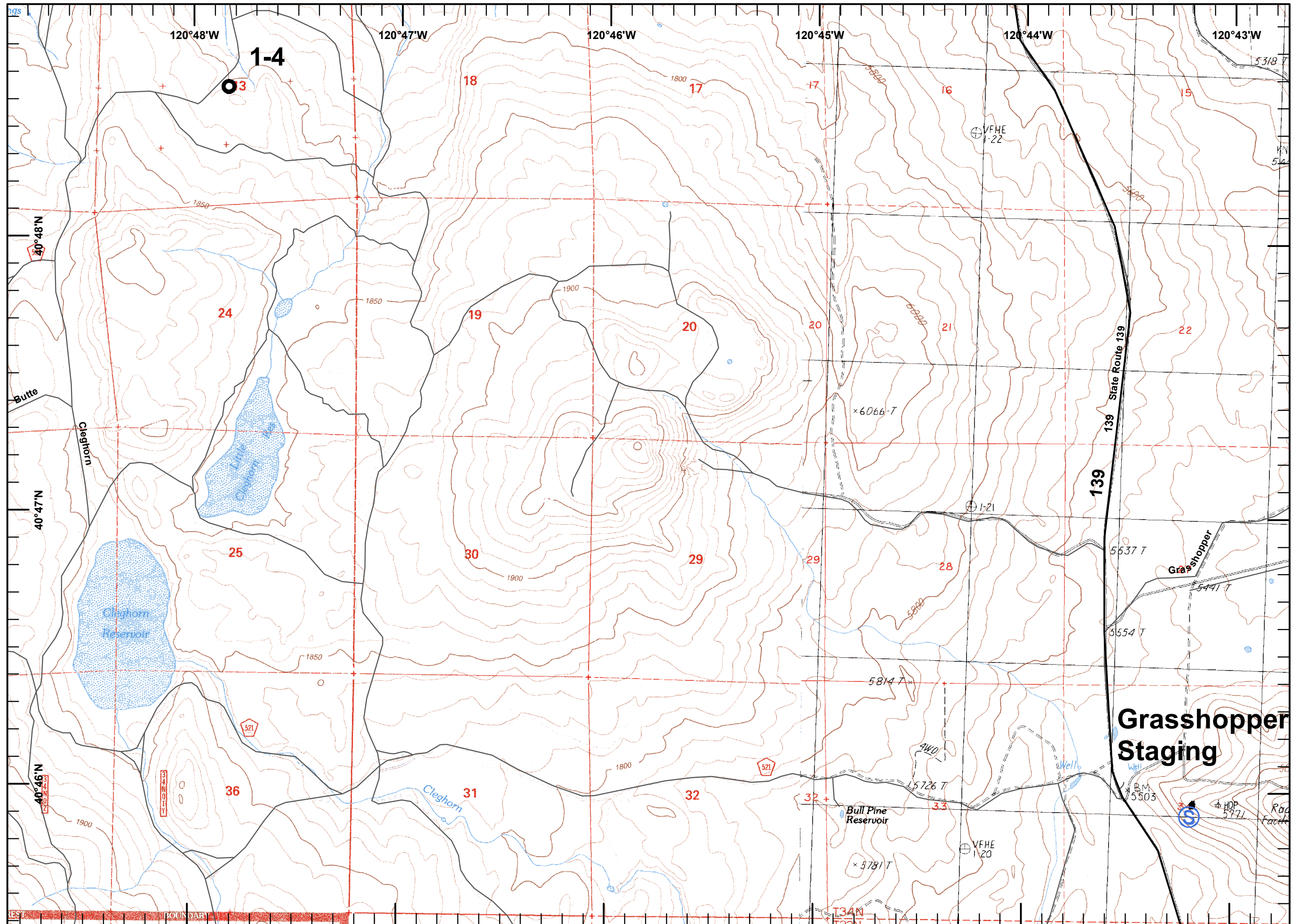


**Legend**

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- Completed Fire Locations



Team 2 GIS  
July 28, 2010  
2041 Hours





# **Russell Complex Incident**

**CA – LMU – 3556**



**Incident Action Plan**

**July 29, 2010 to July 31, 2010  
0800 - 0800**



INCIDENT OBJECTIVES	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED																		
	RUSSELL COMPLEX	7/28/2010	1600																		
<b>4. OPERATIONAL PERIOD</b> <p style="text-align: center;"><b>7/29/2010 through 7/31/2010</b>  <b>0800 to 0800</b></p>																					
<b>5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES)</b>  <u>Control Objectives:</u> <ol style="list-style-type: none"> <li>1. Keep fires contained within current parameters</li> <li>2. North of the Hat Creek – Eagle Lake District Boundary Line</li> <li>3. South of Township 36 North</li> <li>4. East of the 35 NO8 Road</li> <li>5. West of Hwy 139 from Grasshopper Station to the Grasshopper Termo Road.</li> <li>6. Locate and Contain new fires</li> </ol> <u>Management Objectives:</u> <ol style="list-style-type: none"> <li>1. Provide for firefighter safety</li> <li>2. Keep costs commensurate with values at risk.</li> <li>3. Provide training opportunities when possible</li> <li>4. Complete fire line suppression repair</li> </ol>																					
<b>6. WEATHER FORCAST FOR OPERATIONAL PERIOD</b> <p style="text-align: center;"><b><u>See Attached Weather Message</u></b></p>																					
<b>7. GENERAL/SAFETY MESSAGE</b> <ol style="list-style-type: none"> <li>1. Be aware of fire weather changes</li> <li>2. Review &amp; follow LCES, 18 situations that Shout-watch out, &amp; 10 Fire Orders</li> <li>3. Protect against heat injuries – Hydrate</li> <li>4. Watch for traffic, Wildlife, and be aware that the roads are slick</li> <li>5. <b><u>For additional Safety information see the attached Safety Message</u></b></li> </ol>																					
<b>8. ATTACHMENTS ( Mark if attached)</b> <table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> 202</td> <td><input checked="" type="checkbox"/> SAFETY MESSAGE / LCES</td> <td><input checked="" type="checkbox"/> Traffic Plan</td> </tr> <tr> <td><input checked="" type="checkbox"/> 203</td> <td><input checked="" type="checkbox"/> WEATHER</td> <td><input checked="" type="checkbox"/> Incident Map</td> </tr> <tr> <td><input checked="" type="checkbox"/> 204</td> <td><input checked="" type="checkbox"/> AIR OPERATIONS SUMMARY</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> 205</td> <td><input type="checkbox"/> HUMAN RESOURCE</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> 206</td> <td><input type="checkbox"/> ICP / CAMP MAP</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> 214</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>				<input checked="" type="checkbox"/> 202	<input checked="" type="checkbox"/> SAFETY MESSAGE / LCES	<input checked="" type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> 203	<input checked="" type="checkbox"/> WEATHER	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> 204	<input checked="" type="checkbox"/> AIR OPERATIONS SUMMARY	<input type="checkbox"/>	<input checked="" type="checkbox"/> 205	<input type="checkbox"/> HUMAN RESOURCE	<input type="checkbox"/>	<input checked="" type="checkbox"/> 206	<input type="checkbox"/> ICP / CAMP MAP	<input type="checkbox"/>	<input checked="" type="checkbox"/> 214	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> 202	<input checked="" type="checkbox"/> SAFETY MESSAGE / LCES	<input checked="" type="checkbox"/> Traffic Plan																			
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<input checked="" type="checkbox"/> 206	<input type="checkbox"/> ICP / CAMP MAP	<input type="checkbox"/>																			
<input checked="" type="checkbox"/> 214	<input type="checkbox"/>	<input type="checkbox"/>																			
ICS 202	<b>9. PREPARED BY (PLANNING SECTION CHIEF)</b>  <p style="text-align: center;">Dan Hall</p>	<b>10. APPROVED BY (INCIDENT COMMANDER)</b>  <p style="text-align: center;">Scott Packwood</p>																			



ORGANIZATION ASSIGNMENT LIST			9. Operations	
ICS 203			OPS Chief	
1. Incident Name			Deputy	
Russell Complex			Deputy	
2. Date		3. Time	a. Russell Division	
7/28/2010		1600 Hours	Branch Director	
4. Operational Period			Deputy	
July 29, 2010 to July 31, 2010 0800 to 0800			Division/Group	Bill Reid
Position	Name		Division/Group	
<b>5. Incident Commander and Command Staff</b>				
Incident Commander	Scott Packwood		Division/Group	
Deputy			Division/Group	
Deputy			Safety Officer	
Safety Officer				
Information Officer			<b>b. Fireline Suppression Repair</b>	
Liaison Officer			Branch Director	
<b>6. Agency Representative</b>			Deputy	
Agency	Name		Division/Group	Dan Chartier
			Division/Group	Paul White
			Division/Group	
			Division/Group	
			Division/Group	
			Staging Area	
<b>c.</b>				
<b>7. Planning/Intelligence Section</b>				
Plans/Intel Chief				
Deputy			<b>d.</b>	
Resource Unit				
Situation Unit				
Documentation Unit			<b>e.</b>	
Demobilization Unit				
Technical Specialists				
Human Resources				
Training			<b>f. Air Operations Branch</b>	
GIS			Air Operations Branch Director	
Hired Equip.			Air Tactical Supervisor	
Motel			Air Support Supervisor	
Fire Behavior			Helicopter Coordinator	Dan Dennette
<b>8. Logistics Section</b>			Air Tanker Coordinator	
Logistics Chief			Helibase Manager	Jesse Scofield
Deputy			<b>10. Finance/Administration Section</b>	
Supply Unit			Finance / Admin. Chief	
Facilities Unit			Deputy	
Ground Support			Time Unit	
Communications Unit			Procurement Unit	
Medical Unit			Compensation/Claims Unit	
Food Unit			Cost Unit	
			Prepared by (Resource Unit Leader)	
ICS 203			Name: Tidwell / Reaves	



<b>ASSIGNMENT LIST</b>		1. Branch <b>Russell</b>		2. Division/Group			
3. Incident Name <b>Russell Complex</b>		4. Operational Period Date: <b>7/29/2010</b> Time: <b>0800</b>					
5. <b>Operations Personnel</b>							
Operations Chief		Division/Group Supervisor		<b>Bill Reid</b>			
Branch Director		Air Attack Supervisor No.					
6. <b>Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
ST ENG 9140 C	Keith Hill Matt Newberry (T)	22		ICP/0800			
ST Crew 9258 G	Stacer Hartshorn	20		ICP/0800			
HEM	Jason Rodgers	1		ICP/0800			
HEM	Justin Geaney	1		ICP/0800			
7. Control Operations Mop up and patrol all fires Backhaul all trash out of Division Remove hose lays as needed							
8. Special Instructions Utilize appropriate recycle/trash bags at drop points and within the ICP. All assigned resources are on 12 hour shifts.							
9. <b>Division/Group Communication Summary</b>							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	<b>CDF C10</b> <b>Tone 5</b>		<b>151.1900 RX</b> <b>159.2250 TX</b>	Logistics			
Tactical Div/Group	<b>CDF Tac 17</b>		<b>159.3150</b>	Air to Ground	<b>CDF AIR to GRND</b>		<b>151.2200</b>
Prepared by (RESL) Tidwell / Reaves		Approved by (PSC) Dan Hall		Date 7/28/2010		Time 22:30	



# RUSSELL COMPLEX CA-LMU-003556

JULY 29 - 31, 2010 0800 - 0800

## SAFETY MESSAGE

### EXCAVATOR SAFETY:

- Stay out of swing area of arm
- Never assume the operator can see you
- Work facing the boom – always

Complacency HURTS!!

LOOK UP for Snags

LOOK DOWN and stay out of the Ash holes

PPE doesn't work if you don't use it

Maintain Situational Awareness - ALWAYS

### **DRINK EARLY – DRINK OFTEN**

- Continually monitor your crews for sign & symptoms of heat illness
- Insure your crews are well hydrated and are provided rest breaks
- Personal Monitoring:
  - Keep track of your urine output & color
  - Monitor your core temperature and pulse rate
  - Drink 8 ounces of water every 15 minutes

**HEAT RELATED ILLNESS IS PREVENTABLE**











<b>ASSIGNMENT LIST</b>		1. Branch		2. Division/Group <b>Fireline Suppression Repair</b>			
3. Incident Name <b>Russell Complex</b>		4. Operational Period Date: <b>7/29/2010</b> Time: <b>0800</b>					
5. <b>Operations Personnel</b>							
Operations Chief		Division/Group Supervisor		<b>Dan Charlier</b>			
				<b>Paul White</b>			
Branch Director		Air Attack Supervisor No.					
6. <b>Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
Crew Inter MT 3	Larry Turman	17		ICP/0800			
Crew Inter MT 4	Mark Steele	17		ICP/0800			
PVT DOZ E-5	Bryan Small	2		ICP/0800			
Excavator E-109	Michael Crites	1		ICP/0800			
DOZB	Mike Glenn	1		ICP/0800			
PVT WT E-12 Strieff	Brian Waldner	1		ICP/0800			
RESP	Jeff Busey	1		ICP/0800			
RESP	Al Klem	1		ICP/0800			
7. Control Operations							
1. Install water bars at recommended spacing.							
2. Scatter slash over suppression lines where feasible.							
3. Restore drainage features.							
8. Special Instructions							
Avoid known archaeological features.							
All assigned resources are on 12 hour shifts.							
Water Tender will be one operator.							
9. <b>Division/Group Communication Summary</b>							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	<b>CDF C10</b>		<b>151.1900 RX</b> <b>159.2250 TX</b>	Logistics			
	<b>Tone 5</b>						
Tactical Div/Group	<b>CDF 17</b>		<b>159.3150</b>	Air to Ground	<b>CDF AIR to GRND</b>		<b>151.2200</b>
Prepared by (RESL) Tidwell / Reaves		Approved by (PSC) Dan Hall		Date 7/28/2010		Time 12:00 hours	











<b>INCIDENT RADIO COMMUNICATIONS PLAN</b>			Incident Name Russell, CA LMU 10-003556				Date/Time Prepared 7/28/2010 1630 hrs			Operational Period Date/Time 7/29/10 thru 7/31/10	
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	Mode A, D or M	Remarks
1											
2											
3	Command	<b>CDF C10</b>	All Divisions	151.1900	W	0.0	159.2250	W	146.2	A	Tone 5
4											
5	Tactical	<b>CDF T17</b>	All Divisions	159.3150	W	0.0	159.3150	W		A	
6											
7											
8											
9											
10											
11											
12	Air-Ground	<b>CALCORD</b>	All Divisions	156.0750	W	0.0	156.0750	W		A	Medical coordination
13	Air-Ground	<b>CDF A/G</b>	All Divisions	151.2200	N	0.0	151.2200	N		A	
14	Emergency only	<b>Guard</b>	All Divisions	168.6250	N	0.0	168.6250	N	110.9	A	Emergency only
15											
16	Emergency only	<b>Guard</b>	All Divisions	168.6250	N	0.0	168.6250	N	110.9	A	Emergency only
17											
18											
19											
20	Emergency only	<b>Guard</b>	All Divisions	168.6250	N	0.0	168.6250	N	110.9	A	Emergency only
Prepared By (Communications Unit) Mike Towns, COML (530) 336-4232						Incident Location: McArthur, CA County: Shasta Latitude, Longitude: 41° 03' 07 N, 121° 24' 07 W					

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 it programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

Air Guard must be in the last channel of every plan (168.6250, PL 110.9 on TX only) Once 205 is complete, email it to com205@fire.ca.gov or fax to the local ECC and ask them to email it for you.

<b>MEDICAL PLAN</b>	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED	4. OPERATIONAL PERIOD
	<b>RUSSELL Complex</b>	<b>7/28/10</b>	<b>1700</b>	<b>7/29 - 7/31 0800-0800</b>

**5. INCIDENT MEDICAL AID STATIONS**

MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
<b>Cal-Fire Personnel</b>	<b>On scene with BLS equipment</b>		<b>X</b>

**6. TRANSPORTATION**

NAME	ADDRESS	PHONE	PARAMEDICS	
			YES	NO
<b>Burney Ambulance</b>	<b>Burney Ca</b>	<b>530-225-2411</b>	<b>X</b>	
<b>Mayers Ambulance</b>	<b>McArthur, Ca</b>	<b>530-225-2411</b>	<b>X</b>	
<b>Adin Ambulance</b>	<b>Alturus, Ca</b>	<b>530-299-3386</b>	<b>X</b>	
<b>Mercy Medical (Air)</b>	<b>Redding, Ca</b>	<b>530-246-0400</b>	<b>X</b>	
<b>Mountain Life Flight</b>	<b>Susanville, CA</b>	<b>530-257-2444</b>	<b>X</b>	

**B. INCIDENT AMBULANCES**

NAME	LOCATION	PARAMEDICS	
		YES	NO
	<b>NONE</b>		

**7. HOSPITALS**

NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CTR	
		AIR	GROUND		YES	NO	YES	NO
<b>Mayers Memorial</b>	<b>McArthur, CA</b>	<b>10 min</b>	<b>30 min</b>	<b>530-336-5511</b>	<b>X</b>			<b>X</b>
<b>Mercy Medical</b>	<b>Redding, Ca</b>	<b>30 min</b>	<b>1-2 hr</b>	<b>530-225-6000</b>	<b>X</b>			<b>X</b>
<b>Shasta Regional</b>	<b>Redding, Ca</b>	<b>30 min</b>	<b>1-2 hr</b>	<b>530-244-5353</b>	<b>X</b>			<b>X</b>
<b>UC Davis</b>	<b>Sacramento, Ca</b>	<b>1.5 hrs</b>	<b>3-4 hrs</b>	<b>916-734-2130</b>	<b>X</b>		<b>X</b>	

**8. MEDICAL EMERGENCY PROCEDURES**

**Immedeatly report all injuries to your supervisor on scene, on scene ems start treatment and stabilize**

**Report all serious injuries to Division/Group supervisor on Command Net**

**Supervisor supply type of transport needed, air v/s ground, Lat/Long, Any special needs or requirments**

**Notify Safety Officer of all significant injuries**

**Major injuries, burn-overs or deaths notify IC and PIO immedeatly**

**All air medical traffic to be done on Calcord 156.075**

<b>206</b>	<b>ICS</b>	<b>8-</b>	9. PREPARED BY (MEDICAL UNIT LEADER)	10. REVIEWED BY (SAFETY OFFICER)
	<b>78</b>		<b>David Brockman</b>	



# AIR OPERATIONS SUMMARY

**ICS 220**

1. INCIDENT NAME: Russell CALMU 003556				2. OPERATIONAL PERIOD					
		DATE: 7/29/10 to 7/31/2010	TIME: 0700-2100		SUNRISE: 0556	SUNSET: 2027			
<b>PERSONNEL &amp; COMMUNICATIONS</b>	<b>NAME</b>	<b>AIR/AIR FREQUENCY</b>	<b>AIR/GROUND FREQUENCY</b>	<b>COMMAND</b>	<b>HELIBASE DECK</b>	5. REMARKS ( <i>Specific Instructions, Safety Notes, Hazards, Priorities</i> ) <ul style="list-style-type: none"> <li>Request Aircraft through Branch/Div.</li> <li>Contact Aircraft on A/G then switch to TAC</li> <li>No TFR in place.</li> </ul>			
AIR OPERATIONS DIRECTOR			151.220						
ASGS									
HEBM:	Jesse Scofield								
AIR TANKER COORDINATOR									
AIR ATTACK SUPERVISOR									
HELICOPTER COORDINATOR	Dan Dennett								
6. LOCATION/ FUNCTION	7. ASSIGNMENT	8. FIXED WING		9. ROTOR WING		10. TIME		AIRCRAFT ASSIGNED	OPERATING BASE
		NO.	TYPE	NO.	TYPE	AVAILABLE	COMMENCE		
	No fixed wing assigned.								
Helibase	Recon, water dropping			1	III	0800		N1109	Bieber Helibase
Helibase	Recon, water dropping, short haul, medivac			1	II	0800		C202	Bieber Helibase
13. TOTALS				3					
14. AIR OPERATIONS SUPPORT EQUIPMENT:				15. PREPARED BY: Randy Rapp				DATE: 7/28/10	TIME: 1600



# INCIDENT Weather Forecast



**FORECAST NO:** 3

**NAME OF FIRE:** Russell Complex

**PREDICTION FOR:** Day **SHIFT**

**UNIT:** CA-LMU

**SHIFT DATE:** July 29-31, 2010

**SIGNED:**

**Jim Wallmann  
Incident Meteorologist**

**TIME AND DATE**

**FORECAST ISSUED:** July 28, 2010 1200 hrs

**WEATHER DISCUSSION:** High pressure over the desert southwest and low pressure off the Northwest Coast will keep a dry southwest flow across the area. Southwest to west winds will continue every afternoon into Saturday. The low will approach Friday and Saturday with a weak cold front so those days will see the strongest winds. Humidity will also be low every afternoon with fair to poor recovery for the mid-slopes. Temperatures will remain steady. Winds are expected to remain below critical values for Friday and Saturday, but this may change in the future. Any questions can be directed to the Reno, NV weather office at 775-673-8105.

**WEATHER FORECAST:**

**WEATHER:** Sunny during the day. **LAL:** 1 **CWR:** 0%

**TEMPERATURES:** MAX 82-88.

**HUMIDITY:** MIN 9-14%

**20-FOOT WINDS:**

**SLOPE -** Upslope to 3-6 mph becoming southwest to west 10-15 mph with gusts to 25 mph around 1200.

**RIDGETOP (6500 feet and above) -** Southwest 12-18 mph with gusts to 30 mph.

**MAX MIXING HEIGHT:** 15,500 Feet ASL

**INVERSION BREAKING:** Around 1100

**TONIGHT and FRIDAY: 7/29-30**

**WEATHER:** Clear becoming sunny during the day.

**TEMP: Valley:** Min: 43-47 Max: 85-90 **RH:** Max: 60-75% Min: 8-12%  
**Mid-slope:** Min: 60-64 Max: 82-88 **RH:** Max: 25-35% Min: 9-15%

**WINDS:** Slope: Slope driven except Southwest 12-18 mph with gusts to 30 mph 1100 to 2000 Friday.  
Ridge: South-southwest 16-22 mph with gusts to 35 mph.

**LAL:** 1 **CWR:** 0%

**OUTLOOK FOR FRIDAY NIGHT and SATURDAY: 7/30-31**

**WEATHER:** Clear becoming sunny during the day.

**TEMP: Valley:** Min: 46-50 Max: 82-87 **RH:** Max: 50-65% Min: 10-14%  
**Mid-slope:** Min: 56-60 Max: 79-85 **RH:** Max: 25-35% Min: 11-16%

**WINDS:** Slope: Slope driven except Southwest 12-16 mph with gusts to 28 mph 1100 to 2000 Saturday.  
Ridge: South-southwest 15-20 mph with gusts to 30 mph.

**LAL:** 1 **CWR:** 0%



# TRAVEL MAP RUSSELL FIRE CA-LMU-003556 TUESDAY - JULY 27, 2010

## Directions:

From ICP, East on 299 to Pittville Road to Little Valley.  
Stay on Road to 22 to Grasshopper Fire Station.

