

# Arapaho - Roosevelt National Forest & Pawnee National Grassland



## Fire Resource Briefing Packet



## **General Information**

**Overview:** The Arapaho-Roosevelt and Pawnee National Grasslands (ARF) is a heavy use recreation Forest, which encompasses 1.5 million acres and a variety of fuels, topography, and weather. Fire management consists of the North Zone, South Zone and Sulphur Ranger District. The Forest boundary extends from the Wyoming border south to I-70; and from the Front Range west to the Williams Fork Mountains. The ARF Elevations range from 6,000 to 14,000 feet. Fire suppression areas on the Forest are broken into 3 strategies; Direct (Control), Perimeter (containment), and Prescription, all of which allow for implementation of appropriate management response. Wildfire Use is allowed *only* in Wilderness Areas under specific conditions.

**Fire occurrence:** The peak of fire season is typically June – July. Lightning is the primary ignition source, and lightning safety must be addressed. Monsoonal moisture usually moves into the area in late July. Dry thunderstorms in June bring little precipitation, but by August moderate precipitation is expected and ignitions will decrease dramatically. WFSAs will be completed for any fires which exceed Initial Attack.

### **Weather:**

Anticipate changes and utilize spot forecasts. The ARF is covered by 6 Fire Weather Zones, outlined in the detailed unit briefings. RAWs stations in the area will broadcast warnings when fuel temperature, RH, or winds reach critical thresholds. Temperatures in the lower foothills may reach 105 degrees in June, July and August and 10 to 15 degrees cooler at the higher elevations. Relative humidity in the single digits and night-time recoveries may be minimal. The Forest experiences a drying trend September through January. Chinook winds (50-100 mph) from the west occur in the fall and winter. Significant snow may fall in the high mountains in September. Snow at lower elevations melts, fuels dry quickly, and in combination with strong winds can create a very active fall and winter fire season. Historically, the largest fires on the ARF occur in the late fall and early spring.

**Interagency Environment:** Federal and local cooperators, including Volunteer and City fire departments, Colorado State Forest Service, National Park Service and Counties will respond to IA fires on the ARF. County Sheriff departments play a large role in Colorado and Unified Command is typical even on small fires with two or more jurisdictions. Fires may be tactically simple, but complexity is elevated due to heavy resource commitment and media presence. Mutual Aid agreements preclude any exchange of funding for at least 12 hours. USFS resources respond up to 2 miles from the NF boundary in support of mutual aid. The ARF provides suppression response to scattered BLM properties on the Northern Front Range.

**Fire Dispatch:** Fort Collins Interagency Wildfire Dispatch (FTC) is located at the forest supervisor's office; 2150 Centre Ave. Building E, Fort Collins, CO. 80526. 970-295-6800 or [www.fs.fed.us/arnf/fire/fire.html](http://www.fs.fed.us/arnf/fire/fire.html) FTC dispatches all IA on the National Forest under the closest forces concept. FTC dispatches all aviation resources in the Zone (regardless of jurisdiction) and national mobilizations. FTC is staffed 7 days a week 0800 – 1800 from mid-May to mid-October. FTC broadcasts general fire weather in the morning and fire weather with local indices in the afternoon. County resources, Fire Departments, and Volunteer Fire Departments are dispatched through County dispatch centers. Other exceptions are outlined in the Sulphur R.D. Overview.

### **Supporting Information - Ensure that visiting resources also receive:**

- ARF Forest Map
- Copy of FTC Zone Incident Organizer
- Daily Fire Weather Forecast for appropriate Zone
- Overview of current indices; ERC's, 1000 hr. FM
- Status of local fire activity and daily staffing summary
- Clear assignment and expectations

**Staffing:**

ARF resources normally staff from 0900 – 1730. Briefings (including visiting module supervisors) are at 1000 after PT. Visiting Resources will be identified on the web-based staffing summary, updated daily by the District Fire Duty Officer. ICs are responsible for completing the ARF Incident Organizer on each incident to provide size-up, and provide information to FTC Dispatch.

**Fire Management Resources:**

	<b><i>Arapaho - Roosevelt NF</i></b>		
Chief 1	Forest FMO	Geoffrey Bell	Fort Collins
Chief 2	Forest AFMO	Kelley Melott	Fort Collins
Division 1	South Zone FMO	Dave Niemi	Boulder
Division 5	North Zone FMO	Dave Hamrick	Fort Collins
Division 8	Sulphur R.D. FMO	Paul Mintier	Granby
Battalion 1	South Zone AFMO	Dave Buchanan	Nederland
Battalion 5-1	North Zone AFMO	Vacant	Fort Collins
Battalion 5-2	North Zone Fuels AFMO	James White	Fort Collins
Captain 711	E-711 Supervisor	Ed LeBlanc	Nederland
Captain 612	E-612 Supervisor	Tim Egan	Nederland
Captain 1-1	South Zone IA Squad Supervisor	Chad Sewell	Nederland
Captain 651	E-651 Supervisor	Kevin Hyatt	Redfeather
Captain 652	E-652 Supervisor	Jeff Tudor	Redfeather
Captain 653	E-653 Supervisor	Linda Austin	Fort Collins
Captain 654	E-654 Supervisor	Scott Molinari	Fort Collins
Captain 5-5	North Zone IA Squad Supervisor	Scott Nutt	Fort Collins
Captain 5-6	North Zone Fuels Squad Supervisor	Matt Champa	Fort Collins
Captain 671	E-671 Supervisor	Bill Alakai	Idaho Springs
Captain 681	E-681 Supervisor	Bill Ross	Granby
Captain 8-2	Sulphur R.D. Fuels Squad Supervisor	Ryan Turk	Granby
Squad 1-1	South Zone IA Squad	-	Nederland
Squad 5-5	North Zone IA Squad	-	Fort Collins
Squad 5-6	North Zone Fuels Squad	-	Fort Collins
Squad 8-2	Sulphur R.D. Fuels Squad	-	Granby
Patrol 6-1	North Zone Patrol Unit (with water)	Steve Kittrell	Greeley
Patrol 6-2	North Zone Patrol Unit (with water)	Mike Salazar	Greeley
Patrol 8-1	Sulphur R.D. Patrol Unit (with water)	- vacant -	Granby
Prevention 1-1	South Zone Prevention Unit (no water)	- vacant -	Nederland
Prevention 5-1	North Zone Prevention Unit (no water)	Sonya Whitesell	Fort Collins
Prevention 5-2	North Zone Prevention Unit (no water)	Jane Gordon	Fort Collins
Roosevelt Hotshots	Roosevelt IHC Superintendent	Larry Money	Fort Collins
Roosevelt 1	IHC Assistant Superintendent	Joe Suarez	Fort Collins
Roosevelt A	Squad Leader	Chris Nicoletta	Fort Collins
Roosevelt B	Squad Leader	Mike Agnew	Fort Collins
Roosevelt C	Squad Leader	Mike Lehman	Fort Collins
	<i>Full identifier begins with "ARF." For example, Battalion 1-1 would be "ARF Battalion 1-1"</i>		

**Miscellaneous Support:**

For Incident replacement requisitions, logistical support, lodging, vehicle, and timesheet issues and computer access see the Zone or District Fire Duty Officer.

***South Zone (Boulder & Clear Creek R.D.)***

**Overview:** The South Zone (SZ) encompasses the Colorado Front Range from southern Larimer County to northern Jefferson County (approximately 300,000 acres). The western boundary is the Continental Divide. The eastern boundary is very irregular and runs through the foothills of the Front Range. This heavily urbanized area includes forest adjacent to the I-70 corridor and numerous communities. Three small Wilderness Areas exist on the zone, Mt. Evans, James Peak and Indian Peaks Wilderness. Human caused fires are common in the surrounding National Forest. An extensive road network facilitates fire suppression. Numerous private and other land management agency in-holdings, coupled with extensive WUI complicate suppression action and elevate incident complexity. Approximately 30 Fire Protection Districts exist within SZ, which includes Boulder, Gilpin and Clear Creek Counties. Boulder County is the most urbanized.

**Fuels Fire Behavior & Fire Occurrence:**

A variety of fuel types are present in the zone and are due to elevation differences. Typically, Ponderosa with grass under story is found at lower elevations. This fuel type exhibits the most aggressive burning, even at night. Most development and WUI exists here. Above 7500 feet, closed canopy mixed conifer stands become more prevalent. Fire occurrence here is lower and fire behavior is reduced. At 8500 feet, Lodgepole pine becomes common. Fire occurrence here is rare and does not usually present control problems unless drought and wind are involved. Elevations above 9500 feet are predominantly short needle conifers or a spruce-fir fuel type. At approximately 11,500 feet is tree line and the tundra begins. Fire occurrence here is very rare. Most fires on the zone are suppressed as class A or B. Larger fires commonly have winds which determine rate and direction of spread.

Some areas of the District have concentrations of mortality due to pests & insects. Heavy mop up, spotting may be encountered due to bug kill and snags. Areas of Douglas fir or Ponderosa pine under story or overstocked dog-hair stands may behave like a brush fuel model.

**Local key thresholds:**

- **ERC's > 65** (approx. 90<sup>th</sup> % measured at Sugarloaf, Pickle Gulch, Corral Creek RAWS).
- **RH < 20%,**
- **Temperature > 85°F**
- **Winds > 10 mph**
- **1000 hr FM < 12%**

**Fire Weather Zones: 239, 215****Topography & Local influences:**

Drainages generally run west to east and sometimes inhibit fire spread north or south. Ridge tops can sometimes aid in fire control as many exhibit rocky outcrops that may serve as natural barriers. Steep slopes > 100% are present throughout the Zone. Up valley, up canyon diurnal winds may be relatively strong and persistent at lower elevations. Down valley diurnal winds at night may be anticipated. Some fire spread may be slope driven. Night operations can be particularly hazardous due to the rugged terrain. Many of these canyons have swift moving creeks that may present drowning hazards during high water events. A history of underground mining on the zone has created many hazardous mine openings (mine shafts) that present extreme danger.

**Fire Resource locations**

Resources are located at Nederland Work Center on the Peak to Peak Highway and the Idaho Springs Work Center adjacent to I-70. District support staff is located at offices in Boulder and Idaho Springs. Crews brief daily at approximately 1000 hrs.

**Cooperator Resources:**

There are numerous Fire Protection Districts with a variety of capabilities and equipment. Some lack formal Red Card Qualifications. Most of the volunteer firefighters have limited availability during extended attack. ARF units must coordinate initial attack with County units. The Sheriff departments in Boulder, Clear Creek and Gilpin Counties maintain varying degrees of wildfire response. A deputy or emergency services coordinator may respond for the County. Most County sheriffs are authorized to expend their counties funds to order suppression resources, including aircraft.

***Sulphur Ranger District (SRD)*****Overview:**

The Sulphur Ranger District (SRD), lies entirely within Grand County with approximately 400,000 acres of public lands. The eastern boundary is Rocky Mountain NP, the southeast boundary is the Continental Divide, adjacent to the Clear Creek R.D. (SZ). The north and northwest boundaries of the district abut the Medicine Bow-Routt NF and the southwest border is with the White River NF. The SRD surrounds private lands of the Fraser Valley, which includes the WUI associated with the towns of Winter Park, Fraser, Tabernash, Granby, and Grand Lake. Isolated blocks of BLM land exist throughout the District.

Five Wilderness/Protection Areas exist on the district; Vasquez Peak, Byers Peak, Never Summer, James Peak Protection Area and Indian Peaks Wilderness. The surrounding National Forest System Lands receive many visitors however, human caused fires are rare. An extensive road network exists that generally facilitates fire suppression.

**Fuels Fire Behavior & Fire Occurrence:**

Sage and grass are found at lower elevations transitioning to Aspen/Sage and Lodgepole mix. Lodgepole pine is predominating from 8500 to 1000 feet elevation where there is a transition to mixed conifer. Most values at risk such as the urban intermix lie in the lower Lodgepole zone or valley bottoms. The epidemic Mountain Pine Beetle outbreak has caused extensive mortality on 200,000+ acres killing 70 to 80% of all Lodgepole pine trees over 6 inches DBH.

Fire occurrence in all fuel types is low, but the MPB mortality may lead to much larger fires than seen in recent past. Many areas of MPB mortality are in a "red and dead" stage where tree crowns are still intact but may react much like fine dead fuels with the proclivity to initiate a crown fire with moderate surface fire behavior. Some areas have progressed into snag patches. The changing hazardous fuels conditions and snag/tree fall hazards should be thoroughly covered in safety briefings.

**Local key thresholds:**

- **ERC's > 46** (90<sup>th</sup> percentile measured at Harbison RAWS).
- **RH < 20%,**
- **Temperature > 85°F**
- **Winds - >10 mph**

**Fire Weather Zones: 212, 218****Topography & Local Influences:**

National Forest System Lands exist from 8000 feet elevation on the valley bottoms to Pettingell Peak at 13,553 feet on the Continental Divide. Alignment of westerly winds and west facing aspect along the Continental divide can create strong up valley, up canyon winds. Nighttime diurnal winds can be very light with pooling in the high mountain valleys. Several major deep drainages lie perpendicular to westerly winds and create large-scale eddy effects and upslope winds on the lee side. Ridge tops can sometimes aid in fire control as many exhibit rocky outcrops or change to tundra fuel type.

**Fire Resources Location:**

Fire resources are stationed at the Shadow Mountain Work Center with District support staff is located at the office in Granby. Sulphur has a very active secondary (militia) group often with 15 to 20 FFT2's. IA Dispatch is complicated;

- Fort Collins Interagency Dispatch Center (FTC) has responsibility for incidents on ARF lands.
- Craig Interagency Dispatch Center (CDC) has responsibility for BLM lands, and resource orders made by the County Sheriff department for private or state lands.
- Grand County Dispatch, (Hot Sulphur Dispatch) is the primary source of fire notifications.

Confusion can occur on which Federal dispatch center has responsibility. The two Dispatch centers have a working agreement which allows them to transfer responsibility if needed. If location or jurisdiction is unknown on IA, default to FTC and work out the details later.

**Cooperator Resources:**

Five Fire Protection Districts exist within or adjacent to the District. The mutual aid period on the SRD is 24 hours. The Sulphur District provides IA suppression response to the scattered BLM properties. However, the North West Colorado Fire Management Unit is administratively responsible for all fires on BLM land adjacent to the District, in conjunction with Craig Interagency Dispatch Center (CDC)

***NORTH ZONE (Canyon Lakes R.D. and Pawnee N.G.)*****Overview:**

Canyon Lakes Ranger District covers an area of 841,502 acres and extends from the Wyoming border to the Boulder County line, and west from Highway 287 to the Jackson county line. The Northern Front Range area has a large population base that lives in the intermix area, and includes numerous Fire Protection Districts and Departments. An extensive road network exists outside the Wilderness Areas that generally facilitates fire suppression. The District staff office is co-located with the Forest Supervisor's office in Fort Collins.

The Pawnee National Grassland lies east of I-25 with widely dispersed, large parcels of land under USFS Management. The District staff office is in Greeley.

**Fuels Fire Behavior & Fire Occurrence:**

Mountain Mahogany can be found in all zones except Spruce Fir zone. With heavy concentrations this brush may resemble a fuel model 4 and have high rates of spread. Re-burn potential must be considered with this brush. Flame lengths of 5-15 feet may be observed.

***Grass-Shrub Zone***

(5000 ft) Moderate fire occurrence along with the highest density of WUI, and includes a patchwork of ownership and jurisdictions. Fuel Models primarily 1 and 2; grass, Sage, Bitter brush, Mountain mahogany, and Juniper. This zone contains large continuous fuels and rocky slopes. ROS is strongly affected by terrain and wind.

***Ponderosa Zone***

(6,000 – 8,000 ft) highest fire occurrence and moderate WUI. Comprises about half of the Canyon Lakes response area; includes mixed ownership. Fuel Models primarily 2 and 8. Moderate to very steep terrain dominates it, and lower elevations are mainly grass and open Ponderosa while upper elevations tend to be more of a closed canopy stand. Needle and duff layers may be thick under canopy. Lighter densities of trees are intermixed with shrubs and grasses. Most of the fires in this zone are low intensity surface fires. However, wind driven fires do occur.

***Lodge pole Pine Zone***

(8,000 -12,000ft) low fire occurrence with moderate WUI. The Fuel Models primarily 8 and 10. Moderate terrain with dog hair stands of Lodge pole pine are dominant features of this zone. Insects and disease infestations are very common in this area. Needle and duff layers are relatively light but the dead and down component can be very heavy. ROS are slow to moderate on the surface, however in the presence of 20' winds of 8 -14 mph., ROS may dramatically increase, with potential to transition into a crown fire.

### **Spruce Fir Zone**

(9,000-12,000 ft). Low fire occurrence and WUI is rare. Fuel Models primarily are 10 and 11. Usually wet with a low fire occurrence. Heavy down and dead throughout the zone are the primary carriers of fire. Deep pockets of duff and sod make up the surface fuels. Creeping ground fire with a slow rate of spread is typical of this zone. However, prolonged drought has caused a drop in fuel moistures and explosive fire behavior could occur.

#### **Local key thresholds:**

- **ERC's** > 62 (90<sup>th</sup> percentile as measured at Red Feather and Estes Park RAWS).
- **RH** < 25%
- **Winds** > 5 -7 mph
- **1000 fuel moistures** < 12%

#### **Fire Weather Zones: 215, 218, 238**

#### **Topography & Local Influences:**

Major ridges and drainages are generally East – West, but secondary features are aligned in all directions. The prevailing winds for the CLRD are SW. Formation of lenticular clouds signify high winds aloft that may surface east of the Continental Divide.

The Pawnee National Grassland is generally flat, with prevailing West winds.

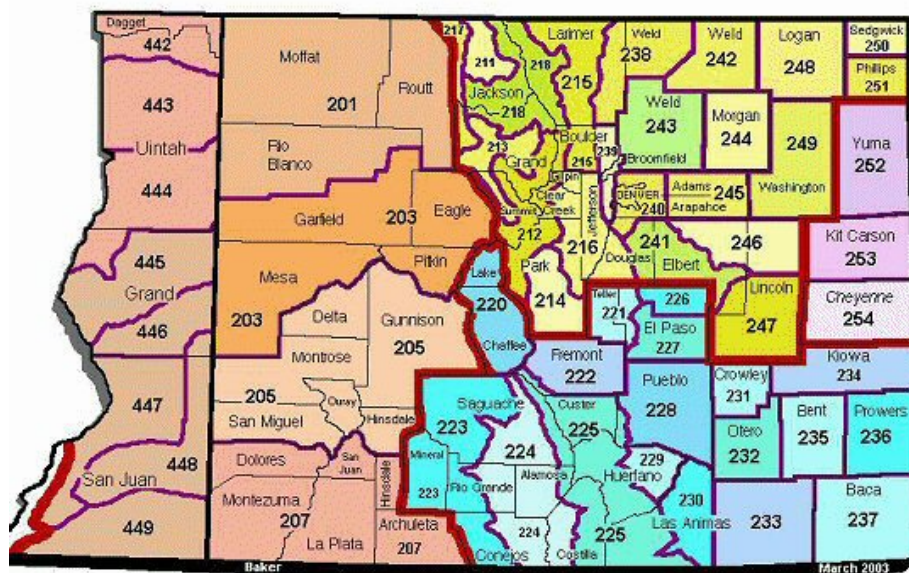
#### **Resource Locations:**

Resources (including the Roosevelt IHC) are located at the Admin site in northern Fort Collins, adjacent to Highway 287, and at Redfeather Lakes Work Center, Northwest of the Poudre River. Morning briefings are at 0900.

#### **Cooperator Resources:**

Larimer County (radio call signs 'Ocean') staffs Engines and IA Squads. Local VFDs including Glacier View, Rist Canyon, Poudre Canyon, Livermore, Loveland, Estes Park, Glen Haven, Berthoud, Big Elk Meadows, Lyons, and Pinewood Springs can staff numerous types of engines. Fire response on the Pawnee National Grassland is accomplished through direct protection agreement with cooperator Departments and oversight by NZ resources as needed.

## **Fire Weather Zones for Colorado and Eastern Utah**





UNIT <b>FORT COLLINS INTERAGENCY WILDFIRE DISPATCH CENTER</b>	FIRE TELEPHONE NUMBERS Commercial: <b>970-295-6800</b>
ADDRESS <b>2150 Centre Avenue, Building E Fort Collins, CO 80526-8119</b>	Night or 24 Hour Telephone Numbers Commercial: <b>970-295-6800</b> After Hours: <b>Follow Voice Mail directions</b>
FAX NUMBER: 970-295-6801	ELECTRONIC ADDRESSES <b>E-Mail: <a href="mailto:cofte@dms.nwcg.gov">cofte@dms.nwcg.gov</a></b> <b>Web: <a href="http://www.fs.fed.us/arnf/fire/fire.html">www.fs.fed.us/arnf/fire/fire.html</a></b>

<i>NAME/TITLE</i>	<i>OFFICE</i>	<i>HOME</i>	<i>PAGER / CELL/SAT</i>
<b>Irene Mora</b> Dispatch Center Mgr.	970-295-6830		P 970-490-5291 C 970-217-6733
<b>Woody Hesselbarth</b> Dispatcher	970-295-6831		P 970-226-7319 C 970-215-3810
<b>John Stevi</b> Dispatcher	970-295-6832		P C
<b>Melissa Hunt</b> Dispatcher	970-295-6833		P 970-229-8902
<b>Geoff Bell</b> Forest FMO	970-295-6631		P 970-229-8636 C 970-217-9184
<b>Kelley Melott</b> Forest AFMO	970-295-6639		P 970-204-2842 C 970-219-9488
<b>INITIAL ATTACK:</b> FTC Fire Number Coordinator Overhead Equip/Supply Aviation Tactical	970-295-6800 970-295-6802 970-295-6803 970-295-6804 970-295-6805		



<b>Office</b>	<b>Phone</b>	<b>Fax/ Cell /Pager</b>
<b>Canyon Lakes Ranger District</b> 2150 Centre Ave Bld E Fort Collins CO 80526-8119 FMO: Dave Hamrick AFMO: Vacant Fire Duty Officer	<b>970-295-6600</b>  970-295-6780 970-295-6781	F 970 295-6795  C 970-420-2726    P 490-8724 C 970-219-2407    P 495-9090 Pager: 495-9087
<b>Administrative Site</b> 300 Hemlock St. Fort Collins CO 80524 AFMO: Vacant E-654    Scott Molinari E-653    Linda Austin Squad 5-5    Scott Nutt Roosevelt IHC Supt: Larry Money	970-419-4420  970-419-4421 970-419-4425 970-419-4424 970-419-4422 970-419-4432 970-419-4433	F 970-419-4439  P 970-495-9090 C 970-420-2597 C 970-420-2602 C 970-420-2599  C 970-420-2609
<b>Red Feather Lakes Work Center</b> <b>Fire Cache</b> E-651    Kevin Hyatt E-652    Jeff Tudor	970-881-2927 970-881-2347	F 970-881-2346  C 970-420-2615 C 970-420-2612
<b>Pawnee National Grassland</b> 660 O St Greeley Co 80631 District Ranger: Steve Currey Briggsdale Work Center	970-346-5004  970-346-5003 970-656-3532	   F 970-346-5014

### Clear Creek RD Directory

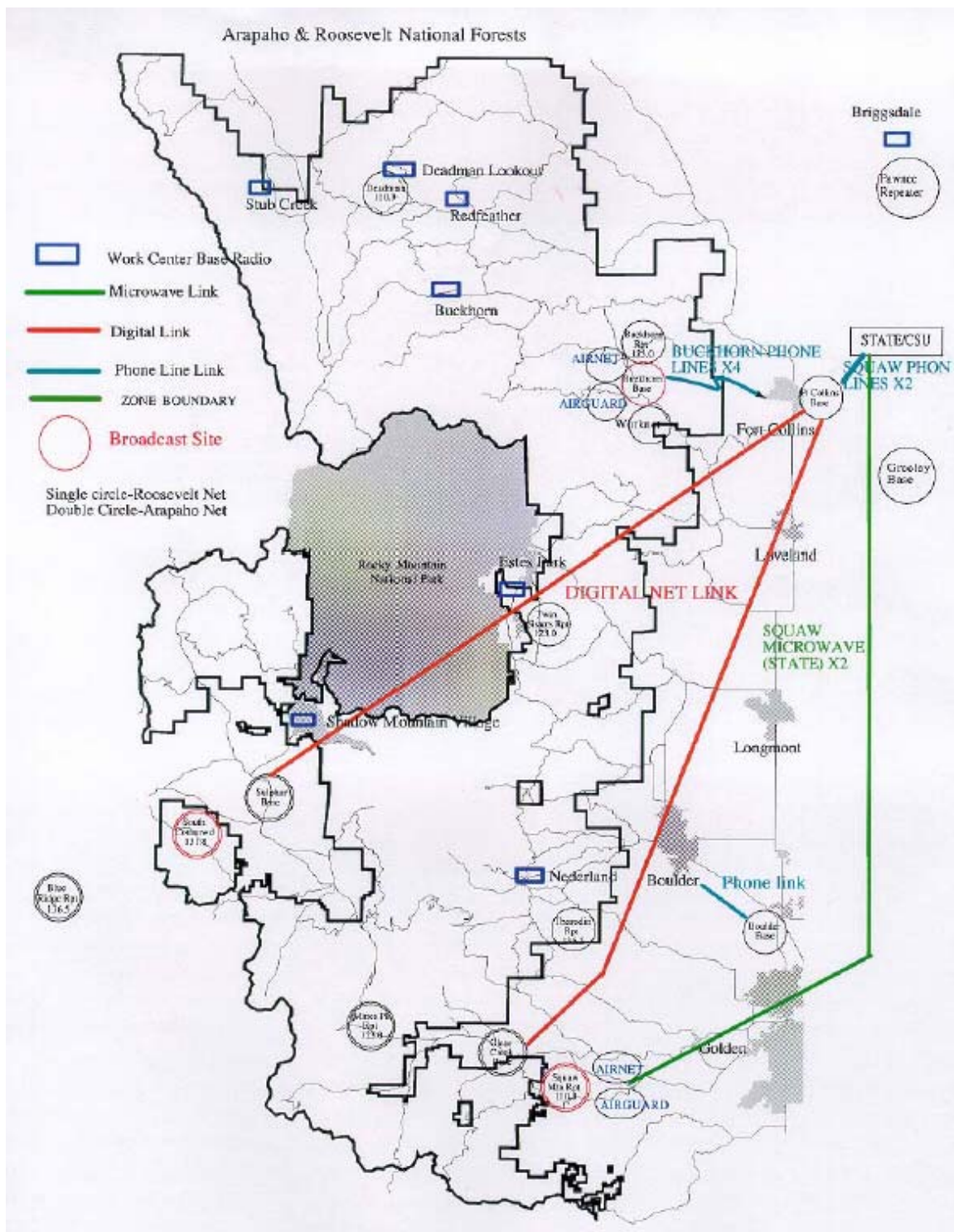
<b>UNIT CCRD</b>	<b>FIRE TELEPHONE NUMBERS</b>
ADDRESS: 101 Chicago Creek RD PO Box 3307 Idaho Springs, CO 80452	District Office/VIS: 303-567-3000

<b>NAME/TITLE</b>	<b>OFFICE</b>	<b>PAGER/CELL/MOB/SAT</b>
Daniel Lovato D.R.	303-567-3001	C-303-619-0401
Dave Niemi ZFMO	See BRD	
Dave Buchanan AFMO	See BRD	
E671 Bill Alakai	303-567-3023	P-303-266-6741/C-303-956-0577
Fire Cache	303-567-3035	
Kerry O'Brien (SSS)	303-567-3002	
Tom Rhodes (LEO)	303-567-3031	P- 303-826-4560/ C 303-589-9114
FAX NUMBER: 303-567-3021		

### Boulder RD Directory

<b>UNIT BRD</b>	<b>FIRE TELEPHONE NUMBERS</b>
ADDRESS: 2140 Yarmouth Ave Boulder, CO 80301	Fire Pagers: 303-441-3851 and pin District Office/VIS: 303-541-2500
FAX NUMBER: 303-541-2515	

<b>NAME/TITLE</b>	<b>OFFICE</b>	<b>PAGER/CELL/MOB/SAT</b>
Christine Walsh D.R.	303-541-2520	P-303-543-6966/C-303-378-6572
Dave Niemi ZFMO	303-541-2520	P-5961/303-956-2465
Dave Buchanan AFMO	303-541-2518	P-5962/C-303-506-7659
Paul Krisanits LEO	303-541-2513	P-5975
E-612, Julie Stennes	303-258-9193	P-5964/C-303-956-3623
E-711, Ed LeBlanc	303-258-9193	P-5966/C-303-956-2858
E-671, Bill Alakai IAHC Chad Sewell	303-258-9193	P-5963/C-303-956-0577 P-6965/C-303-956-4902
Fire Cache & Nederland Work Center Bernice McMahon SSS District FIO	303-258-9193 303-258-0234 303-541-2511 303-541-2500	Fax: 303-258-0362  P-5969 / C 303-506-7654



## ARF Radio Frequency & Group List

### Group 1 & 4 CLRD

Channel	Rec Freq	Tx Freq	CG	Purpose
Roos Dir	169.175	169.175		Tactical
Deadman	169.175	169.975	110.9	Command
Buckhorn	169.175	169.975	123	Command
Twin Sisters	169.175	169.975	131.8	Command
Thordin	169.175	169.975	136.5	Command
Pawnee	169.175	169.975	167.9	Command
Roos Work	168.175	168.175		Tactical
Medbow Dir	164.15	164.15		Command
RMNP RPT	166.35	166.95	100	Rocky Mtn NP
CDOW	151.4	151.4	156.7	Division of wildlife
Fern 1	154.28	154.28		Tactical
RTI	171.425	170.55	156.7	Command
Larimer fire	154.385	154.385	156.7	Command/ tactical
Rout Dir	169.6	169.6		Tactical
Air/Gnd	172.325	172.325		Air to ground
Fort Collins WX	162.45			Weather

### Group 2

Channel	Rec Freq	Tx Freq	CG	Purpose
Roos Dir	169.175	169.175		Tactical
Deadman	169.175	169.975	110.9	Command
Buckhorn	169.175	169.975	123	Command
Twin Sisters	169.175	169.975	131.8	Command
Thordin	169.175	169.975	136.5	Command
Pawnee	169.175	169.975	167.9	Command
Roos Work	168.175	168.175		Tactical
Arapaho Dir	169.875	169.875		Command/tactical
Squaw	169.875	170.475	110.9	Command
Mines Peak	169.875	170.475	123	Command
Cotton	169.875	170.475	131.8	Command
Blue Ridge	169.875	170.475	136.5	Command
Arapaho Work	164.1	164.1		Tactical
Larimer Fire	154.385	154.385	156.7	Command
Grand Sheriff	155.94	153.92	156.7	Command
Fort Collins WX	162.45			Weather

### Group 3 BRD

Channel	Rec Freq	Tx Freq	CG	Purpose
Roos Dir	169.175	169.175		Tactical
Roos work	168.175	168.175		Tactical
Arapaho work	164.1	164.1		Tactical
Twin Sisters	169.175	169.975	131.8	Command
Thordin	169.175	169.975	136.5	Command
Buckhorn	169.175	169.975	123	Command
RMNP RPT	166.35	166.95	100	Rocky MTN NP
Fern 1	154.28	154.28		Tactical
Air/Gnd	172.325	172.325		Air to ground
Gilpin	153.845	156.015	100	Fire 911 Dispatch
Red 1 North	155.535	154.325	179.9	Fire 911 Dispatch
Red 1 South	151.355	154.325	179.9	Fire 911 Dispatch
Red 3	154.415	154.415	179.9	Tactical/command
Red 5	153.95	153.95	167.9	Tactical/command
Red 6	154.37	154.37	131.8	Tactical/command
Squaw	169.875	170.475	110.9	Command

### Group 5

Channel	Rec Freq	Tx Freq	CG	Purpose
Roos Dir	169.175	169.175		Tactical
Deadman	169.175	169.975	110.9	Command
Buckhorn	169.175	169.975	123	Command
Twin Sisters	169.175	169.975	131.8	Command
Thordin	169.175	169.975	136.5	Command
Pawnee	169.175	169.975	167.9	Command
Roos Work	168.175	168.175		Tactical
Squaw	168.875	170.475	110.9	Command
CDOW RPT	151.19	159.285	141.3	Division of wildlife
CDOW	151.4	151.4	156.7	Division of wildlife
Fern 1	154.28	154.28		Tactical
Pawnee WX	162.4			Weather
Larimer fire	154.385	154.385	156.7	Command/tactical
CDOW ST	151.145	159.285	146.2	Division of wildlife
Mines Peak	169.875	170.475	123	Command
Cotton	169.875	170.475	131.8	Command

### Group 6 CCRD

Channel	Rec Freq	Tx Freq	CG	Purpose
Arapaho Dir	169.875	169.875		Command/tactical
Squaw	169.875	170.475	110.9	Command
Mines Peak	169.875	170.475	123	Command
Cotton	169.875	170.475	131.8	Command
Blue Ridge	169.875	170.475	136.5	Command
Roos Dir	169.175	169.175		Tactical
Arapaho Work	164.1	164.1		Tactical
Thordin	169.175	169.975	136.5	Command
Clear Creek WX	162.55			Weather
CDOW	151.4	151.4	156.7	Division of wildlife
Fern 1	154.28	154.28		Tactical
CC CNTY	155.025	155.745	100	Clear Creek County
Gilpin	153.845	156.015	100	Fire 911 Dispatch
PSI DEVL	168.72	168.125	156.7	
Air/Gnd	172.325	172.325	151.4	Air to ground
Roos work	168.175	168.175		Tactical

### Group 7 SRD

Channel	Rec Freq	Tx Freq	CG	Purpose
Arapaho Dir	169.875	169.875		Command/tactical
Squaw	169.875	170.475	110.9	Command
Mines Peak	169.875	170.475	123	Command
Cotton	169.875	170.475	131.8	Command
Blue Ridge	169.875	170.475	136.5	Command
Roos Dir	169.175	169.175		Tactical
Arapaho Work	164.1	164.1		Tactical
Park View	169.6	164.9125	146.2	
RMNP WRPT	166.3	166.9	156.7	Rocky west side
CDOW	151.4	151.4	156.7	Division of wildlife
Fern 1	154.28	154.28		Tactical
Grand Sheriff	155.94	153.92	156.7	Command
GRND PS	155.685	158.82	156.7	
GRND PAGE	155.115	153.995	167.9	
Air/Gnd	172.325	172.325	151.4	Air to ground
Marine16	156.8	156.8		

**Group 8 Fire**

Channel	Rec Freq	Tx Freq	CG	Purpose
Roos Dir	169.175	169.175		Tactical
Roos Repeaters	169.175	169.975		Command
Arapaho Dir	169.875	169.875		Command/tactical
Arap Repeaters	169.875	170.475		Command
Roos Work	168.175	168.175		Tactical
Arapaho Work	164.1	164.1		Tactical
R2 Tac	168.35	168.35	179.9	Travel
USA Log	163.1	163.1	156.7	Travel
Air/Gnd	172.325	172.325	151.4	Air to ground
Fern 1	154.28	154.28		Tactical
Fern 2	154.295	154.295		Tactical
Fern 3	154.265	154.265		Tactical
Red 3	154.415	154.415	179.9	Tactical/ command
RMNP RPT	166.35	166.95	100	Rocky Mtn NP
Fort Collins WX	162.45			Weather
Larimer fire	154.385	154.385	156.7	Command/tactical

**Group 9**

Channel	Rec Freq	Tx Freq	CG	Purpose
Arapaho Dir	169.875	169.875		Command/tactical
Squaw	169.875	170.475	110.9	Command
Mines Peak	169.875	170.475	123	Command
CC Dir	155.025			
CC Blue	154.905			
Yellow	155.1			
Red	154.355			
Thordin	169.175	169.975	136.5	Command
MTN rescue	155.16			
NLEEC	155.475			
Fern 1	154.28	154.28		Tactical
CC Green	155.025	155.745	100	
Gilpin	153.845	156.015	100	
Fern 2	154.295	154.295		Tactical
Fern 3	154.265	154.265		Tactical

**Group 10**

Channel	Rec Freq	Tx Freq	CG	Purpose
Roos Dir	169.175	169.175		Tactical
Roos Repeaters	169.175	169.975		Command
Arapaho Dir	169.875	169.875		Command/tactical
Arap Repeaters	169.875	170.475		Command
Roos Work	168.175	168.175		Tactical
Arapaho Work	164.1	164.1		Tactical
R2 Tac	168.35	168.35	179.9	Travel
Larimer fire	154.385	154.385	156.7	Command/tactical
Red 1 North	155.535	154.325	179.9	Fire 911 Dispatch
Red 5	153.95	153.95	167.9	Tactical/ command
RMNP RPT	166.35	166.95	100	Rocky Mtn NP
CSFS	151.34	151.34		ColoradoStateForest
Fern 1	154.28	154.28		Tactical
Fern 3	154.265	154.265		Tactical
Air/Gnd	172.325	172.325	151.4	Air to ground
Natl MOB	163.1	163.1		

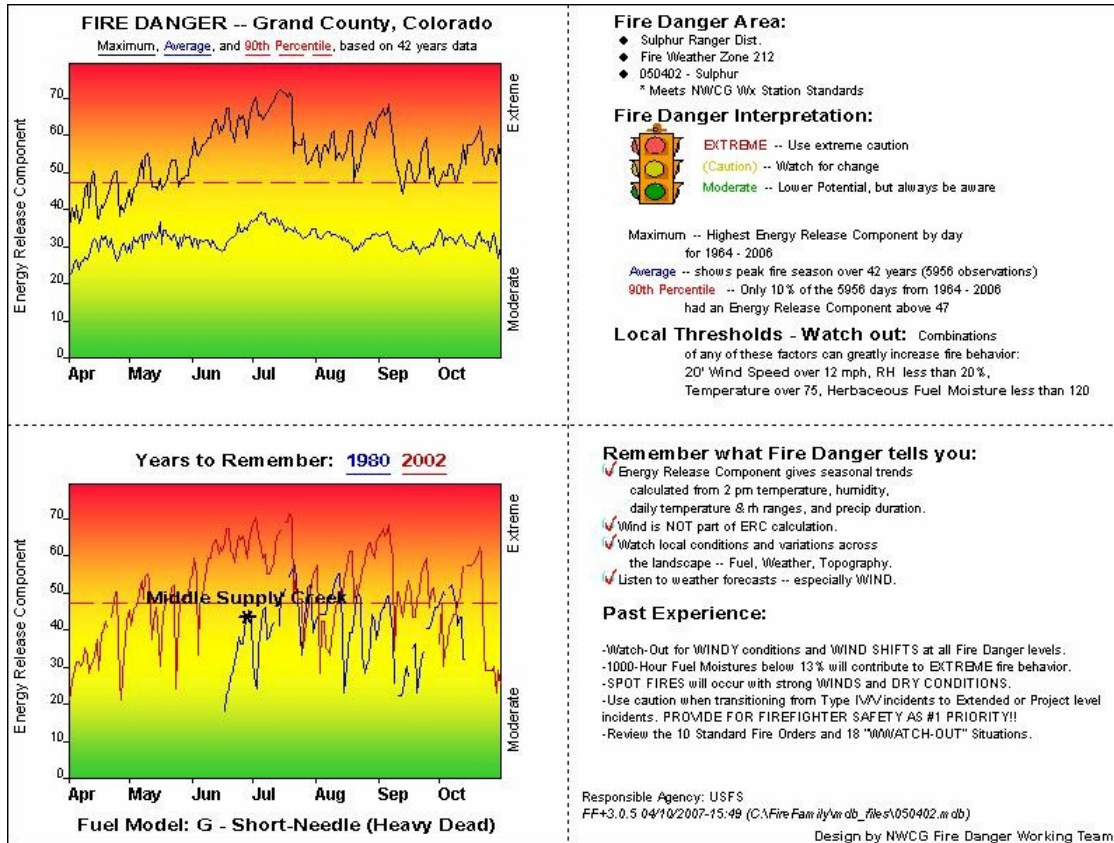
**Group 11 BLX**

Channel	Rec Freq	Tx Freq	CG	Purpose
Roos Dir	169.175	169.175		Tactical
Roos Work	168.175	168.175		Tactical
Arapaho Work	164.1	164.1		Tactical
Twin Sisters	169.175	169.975	131.8	Command
Thordin	169.175	169.975	136.5	Command
Fern 1	154.28	154.28		Tactical
Fern 2	154.295	154.295		Tactical
Fern 3	154.265	154.265		Tactical
Air/Gnd	172.325	172.325	151.4	Air to ground
Gilpin	153.845	156.015	100	Fire 911 Dispatch
Red 1 North	155.535	154.325	179.9	Fire 911 Dispatch
Red 1 South	151.355	154.325	179.9	Fire 911 Dispatch
Red 3	154.415	154.415	179.9	Tactical/ command
Red 4	153.83	153.83	179.9	Tactical/ command
Red 5	153.95	153.95	167.9	Tactical/ command
Red 6	154.37	154.37	131.8	Tactical/ command

### Area Medical facilities

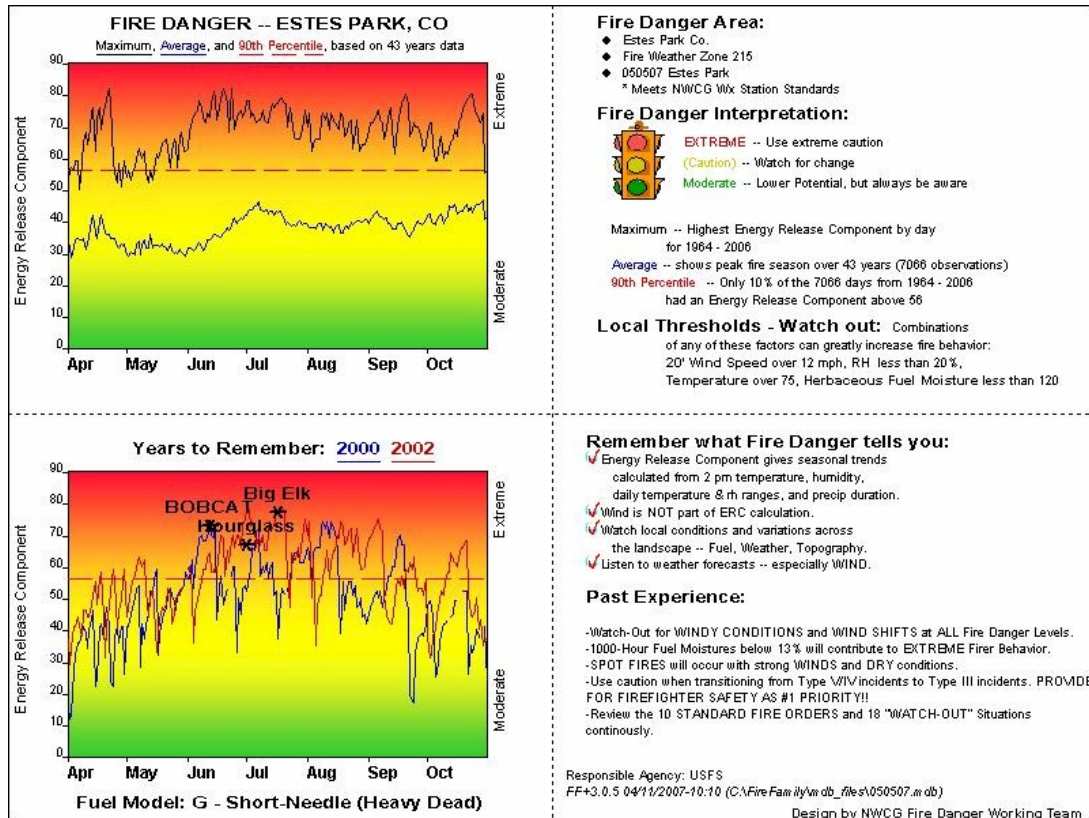
Name of Medical Resource	Phone Number	Address	Lat/ Long	Burn Center	Helipad
Search & Rescue - Larimer County Sheriff	970 498 5141	Fort Collins			
McKee Medical Center	970 669 4640	2000 N Boise Ave, Loveland	40 24.70 x 105 03.00'		Yes
Medical Center of the Rockies	970 624 2500	I-25 & Hiway 34 Loveland, CO			Yes
City of Loveland Ambulance	970 667 2151	Loveland, CO			
Northern Colorado "Airlife"	800 247 5433	Air Life from Greeley	40 25 x 104 49.2'		
St. Anthony's Hospital "Flight for Life"	303 629 3903	Denver and Summit County		Yes	Yes
Military Assistance MAST helicopter	307 773 2001 307 773 3921	Warren AFB, Wyoming	41 08 x 104 52'		
Aurora Presbyterian Hospital "Airlife"	800 247 5433	Aurora, CO	39 44.38 x 104 49.38'		Yes
University Hospital	303 372 8911	Denver	39 43.93 x 104 56.37'	Yes	Yes
Poudre Valley Hospital	970 495 7000	1024 S. Lemay, Fort Collins	40 34.3 x 105 3.38'		Yes
Estes Park Medical Center	970 586 2317	555 Prospect Ave, Estes Park	40 22.2 X 105 30.8		No
Longmont United Hospital	303 651 5111	1950 Mountain View, Longmont	40 10.73 X 105 7.28		
Boulder Community Hospital	303 440 2273	Broadway and Balsam, Boulder	40 1.67 X 105 17.6		
Avista Hospital	303 673 1000	100 Health Park Dr., Louisville	39 57.1 X 105 9.02		No
Kremmling Memorial Hospital	970 724 3442	214 S. 4 <sup>th</sup> St., Kremmling			
Granby Medical Center	970 887 2117	480 E. Agate Ave., Granby			No
7 Mile Medical Center	970 726 8066	Winter Park Ski Area			No

## ARF West – Sulphur R.D. and West Rocky Mountain NP





## ARF North – Canyon Lakes and East RMNP



## ARF South – Boulder, Clear Creek RD

