

# **Color Country Interagency Fire Management Area**



Bald Ridge Fire 2014

*George Humphreys*

## **2014 Fire Season**

# Color Country Interagency Fire Center

Color Country Interagency Fire Center (CCIFC) response area is approximately 16.4 million acres of Federal, State, and Private Lands. CCIFC dispatches for the following agencies: Color Country District Office BLM (CDC) Grand Staircase Escalante National Monument BLM (GSENM), Arizona Strip District Office BLM (ASD), Dixie National Forest (DIF), Zion National Park (ZIP), Glen Canyon National Recreation Area (GLP), Bryce Canyon National Park (BRP), Cedar Breaks National Monument (CBP), Grand Canyon-Parashant and Vermillion Cliffs National Monuments BLM, Pipe Spring National Monument, Southern Paiute Field Office BIA (SPA), Fish and Wildlife Services (FWS), Utah Division of Forestry, Fire, and State Lands (SWS), and State of Arizona (A2S2).

The 2014 wildland fire season started in April and looked to be a very busy season until mid-July when the rain came. Below normal snow pack left CCIFMA with dry fuels and high ERC's, thus contributing to very high fire activity in the first week of July. The monsoonal pattern started mid-July and continued thru August. The monsoonal pattern along with remnants of hurricane Norbert brought an end to the fire season in early September. There were a total of 272 fires for 4,282 acres this season. Human caused fires accounted for 34% of all fires and 9% of the total acres burned. The State of Utah accounted for 39% of the human caused fires. The Color Country BLM accounted for 42% of the human caused acres. Dispatch ended the season with 272 wildland fires, 13 incorporated assists, and 128 false alarms. Color Country mobilized one T3 team on the Gulch Fire (Arizona Strip District BLM). Color Country resources responded to 413 smoke reports this season.

Color Country Interagency Fire Center was the host of 6 exclusive use aircraft for 2014: one - T1 (HT-793) helicopter at CDC, one -T3 (H-7RL) Helicopter at CDC, one -T3 (H-7BS) Helicopter at SGU, one -Air Attack (AA-4QS) at CDC, and Color Country 2 SEATs at the Cedar City Air Center (T-811 & T-812). Cedar City Air Center flew 200 loads of retardant equaling 261,951 gallons. The Mesquite SEAT Base loaded 86,250 gallons of retardant.

Color Country Interagency Fire Center processed approximately 5,400 ROSS orders for aircraft, overhead, crews, equipment, and supplies. CCIFC was unable to fill (UTF) 386 local and non-local incident orders. These orders do not include local resources sent during initial attack which are not captured within the ROSS process. CCIFC supported incidents outside of the CCIFC area by sending 248 - Overhead, 88- Aircraft, 19 - Crews, and 37 - Engines off-unit. The dispatch office appreciates all those who took assignments and helped with the fire effort.

<b>Average</b>	<b>Fires</b>	<b>Acres</b>
<b>2014 Fire Season</b>	<b>272</b>	<b>4,282</b>
<b>CCIFC 5 Year Average</b>	<b>377</b>	<b>34,404</b>
<b>CCIFC 10 Year Average</b>	<b>438</b>	<b>88,338</b>

# Color Country Fire Management Area

## 16,383,638 Acres

<u>Agency</u>	<u>Acres</u>
Color Country District BLM	5,412,871
Grand Staircase Escalante NM	<u>1,866,179</u>
<b>CCD Total</b>	<b>7,279,050</b>
Arizona Strip District BLM	2,274,478
Grand Canyon- Parashant NM	1,048,497
Vermillion Cliffs NM	<u>293,680</u>
<b>ASD Total</b>	<b>3,616,655</b>
Arizona - State	206,209
Arizona - Private	<u>137,928</u>
<b>Arizona Total</b>	<b>344,137</b>
Southern Paiute Agency	
Kaibab Reservation	120,798
Shivwits Reservation	28,154
Cedar Band Reservation	2,050
Indian Peaks Band Reservation	<u>425</u>
<b>SPA Total</b>	<b>151,427</b>
Dixie National Forest	<b>1,884,467</b>
Forestry, Fire, and State Lands	101,720
Unincorporated Private	<u>1,359,216</u>
<b>SWS Total</b>	<b>1,460,936</b>
Zion National Park	148,732
Glen Canyon National Park	1,254,429
Cedar Breaks National Park	6,155
Bryce Canyon National Park	35,968
Pipe Springs National Monument	40
Rainbow Bridge National Monument	160
Lake Mead National RA (inside CCIFC Area)	<u>201,482</u>
<b>NPS Total</b>	<b>1,646,966</b>

# **Reportable Accidents by Agency**

## **State of Utah:**

No Injuries or Accidents

## **Dixie National Forest:**

- 1 – Laceration to the foot
- 2 – Injuries during pack testing

## **Color Country BLM:**

- 1 – Heat Exhaustion – Scar Fire

## **Arizona Strip BLM:**

- 1 – Eye Injury – Scar Fire
- 1 – SEAT Manager Assignment
- 1 – During PT

## **Southern Paiute Agency:**

- 1 – Rolled Ankle – Gulch Fire

## **Zion National Park:**

- 1 – Heat Exhaustion – Gulch Fire
- 1 – Cut requiring stitches – Fuels Project
- 1 – Back Strain - PT

# Large Fires

(100 acres or more)

Name	Type	Start Date	Org.	ASD Acres	CCD Acres	DIF Acres	NPS Acres	SPA Acres	SWS Acres	Total Acres	Incident Commander
Middle Ridge	T2	07/01	ELY		1,005				76	<b>10,304</b>	John Kidd's T2 Team (MGC Complex)
Bull Mountain	T3	07/02	DIF			435				<b>435</b>	Chung / Mackey (T) (SMKJ)
Greek Peak	T3	07/02	CCD		840					<b>840</b>	John Kidd's T2 Team (MGC Complex)
Gulch	T3	07/02	ASD	340						<b>340</b>	Chris Henrie T3 Team Jeremy Bradley (T)
Scar	T3	07/02	CCD		58	43				<b>101</b>	Adam Heyder
Middle Bench	T3	07/08	ASD	404						<b>404</b>	Phil Lund / Eric Eastep (T)
Tweeds	T3	07/13	ASD	150						<b>150</b>	Cory Johnson
Bald Ridge	T3	08/16	CCD		156					<b>156</b>	Randy Turrill / Shawn Peterson (T)
Clay Hill	T4	08/18	GLP				118			<b>118</b>	Lynch

Slope fire started June 12<sup>th</sup> on Fillmore Field Office. The Slope fire was started by lightning. Originally thought to have started on Cedar City Field Office, Color Country IFC sent responders to the incident. Color Country IFC dispatched the Slope fire for Richfield IFC. Richfield IFC took fire over on June 16<sup>th</sup>. The Slope fire final size was 725 acres.

Middle Ridge Fire was started by lightning on Ely District BLM on July 1<sup>st</sup> and burned on to the St. George Field Office. Final size of the fire was 10,304 acres. Middle Ridge (ELD), Cottonwood (ELD) and the Greek Peak (CCD) fires were complexed into the MGC Complex which was taken over by John Kidd's T2 IMT on July 6<sup>th</sup>.

Gulch fire was started by lightning July 2<sup>nd</sup> on the Arizona Strip District BLM north of Quail Hill. Jeremy Bradley transitioned to Chris Henrie's T3 IMT. Henrie's IMT took over the fire on July 4<sup>th</sup>. Fires final size was 340 acres.

# 2014 CCIFC FIRE STATISTICS



DIXIE NATIONAL FOREST						
Ranger District	Natural Fires	Natural Acres	Human Fires	Human Acres	Total Fires	Total Acres
Pine Valley	22	554.15	2	0.8	24	555
Cedar City	4	0.4	4	2.2	8	2.6
Powell	3	0.5	1	4.5	5	5.0
Escalante	9	75.0	0	0.0	9	75.0
<b>Total</b>	<b>39</b>	<b>630</b>	<b>7</b>	<b>8</b>	<b>46</b>	<b>638</b>



UTAH DIVISION OF FORESTRY, FIRE, AND STATE LANDS						
County	Natural Fires	Natural Acres	Human Fires	Human Acres	Total Fires	Total Acres
Beaver	0	0.0	4	4.8	4	4.8
Garfield	1	0.1	6	81.5	7	81.6
Kane	9	1.5	9	8.0	18	9.5
Iron	13	2.2	11	51.4	24	53.6
Washington	8	77.2	7	2.0	15	79.2
<b>Total</b>	<b>31</b>	<b>81</b>	<b>37</b>	<b>148</b>	<b>68</b>	<b>229</b>



COLOR COUNTRY BLM						
	Natural Fires	Natural Acres	Human Fires	Human Acres	Total Fires	Total Acres
<b>Total</b>	<b>78</b>	<b>2199</b>	<b>11</b>	<b>167</b>	<b>89</b>	<b>2,366</b>



NATIONAL PARK SERVICE						
Park/NM NRA	Natural Fires	Natural Acres	Human Fires	Human Acres	Total Fires	Total Acres
Bryce Canyon	1	0.1	0	0.0	1	0.1
Cedar Breaks	0	0.0	0	0.0	0	0.0
Glen Canyon	1	0.2	14	123.9	15	124.1
Zion	3	0.5	2	0.4	5	0.9
<b>Total</b>	<b>5</b>	<b>1</b>	<b>16</b>	<b>124</b>	<b>21</b>	<b>125</b>



ARIZONA STRIP BLM						
	Natural Fires	Natural Acres	Human Fires	Human Acres	Total Fires	Total Acres
<b>Total</b>	<b>23</b>	<b>907</b>	<b>22</b>	<b>10</b>	<b>43</b>	<b>917</b>



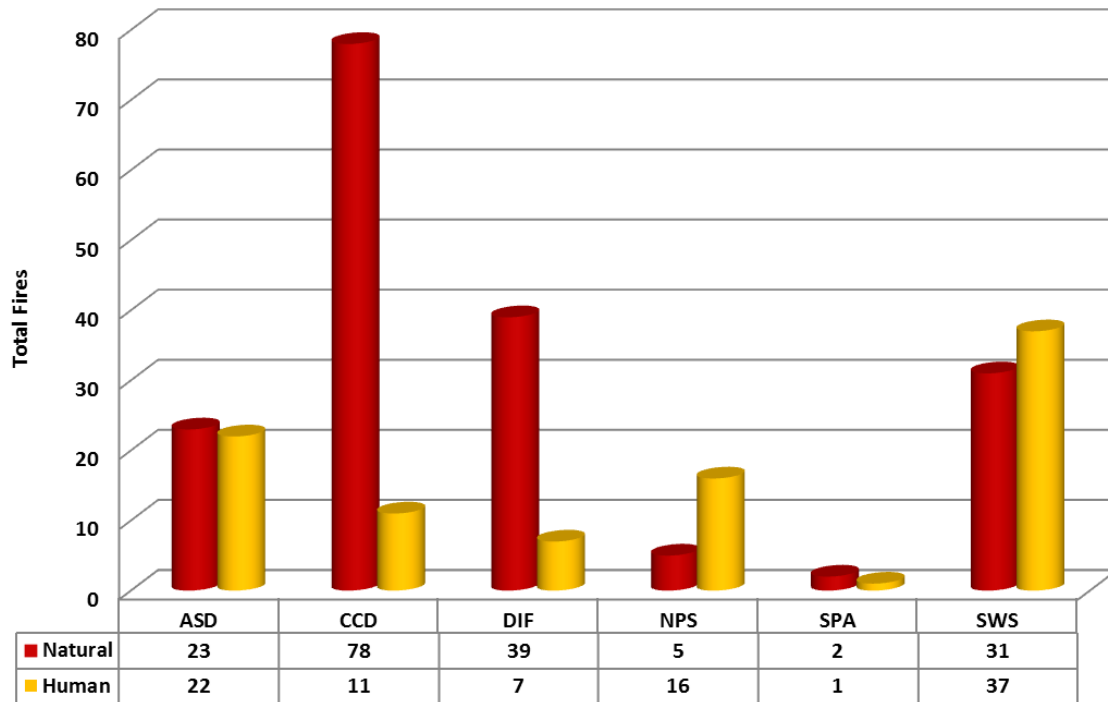
SOUTHERN PAIUTE AGENCY						
	Natural Fires	Natural Acres	Human Fires	Human Acres	Total Fires	Total Acres
Arizona	0	0.0	0	0.0	0	0.0
Utah	2	0.2	1	7.5	3	7.7
<b>Total</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>3</b>	<b>8</b>



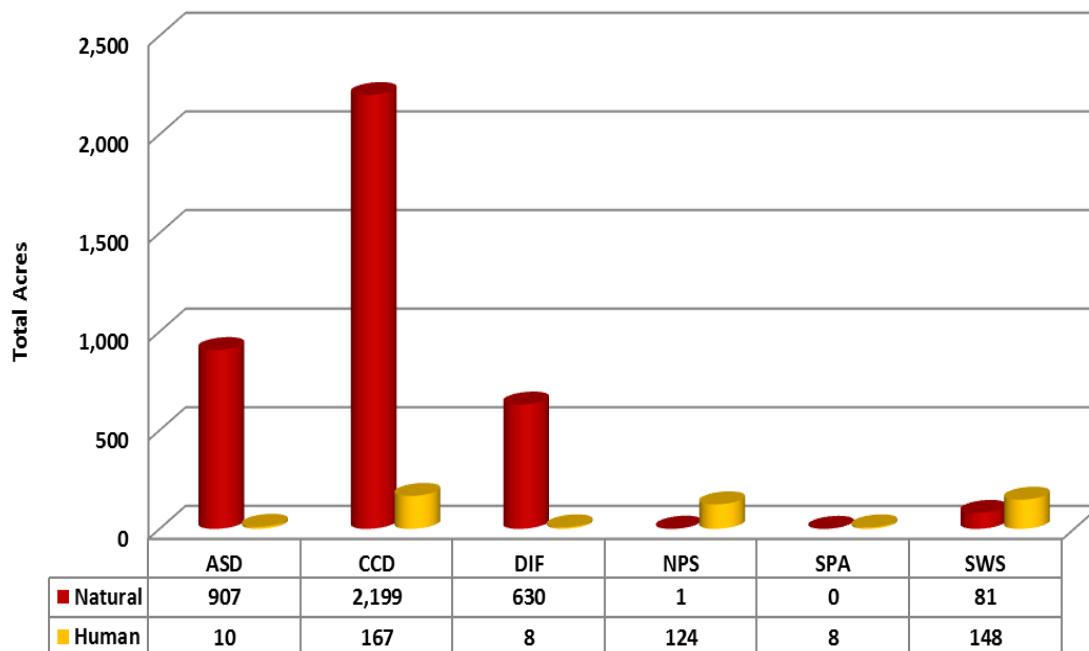
COLOR COUNTRY INTERAGENCY FIRE CENTER						
	Natural Fires	Natural Fires	Human Fires	Human Acres	Total Fires	Total Acres
<b>Total</b>	<b>178</b>	<b>3,818</b>	<b>94</b>	<b>464</b>	<b>272</b>	<b>4,282</b>

# CCIFC 2014 Fire Season

## Fires by Agency

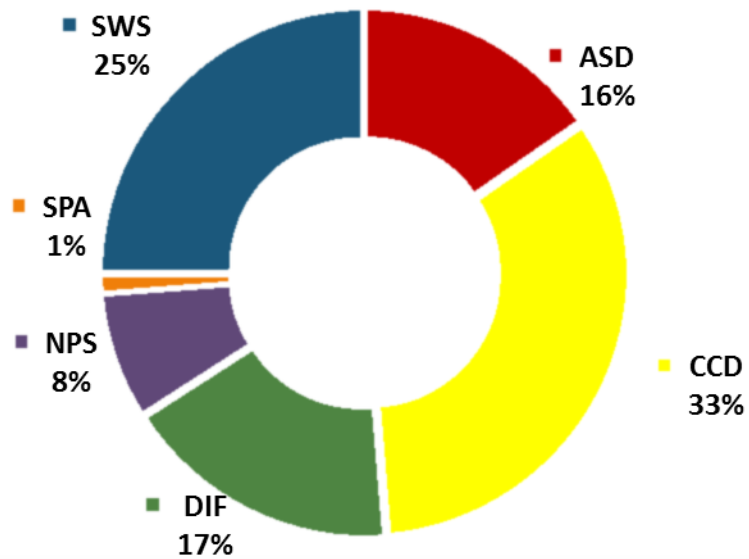


## Acres By Agency

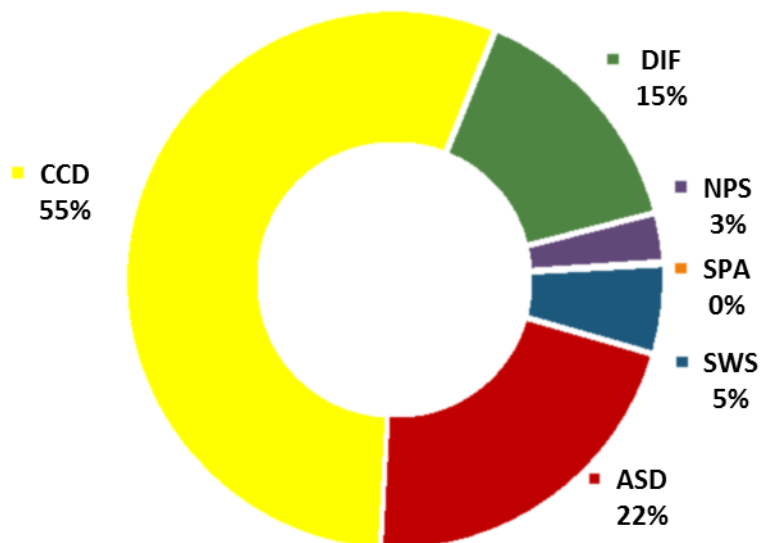




## PERCENT OF TOTAL FIRES BY AGENCY

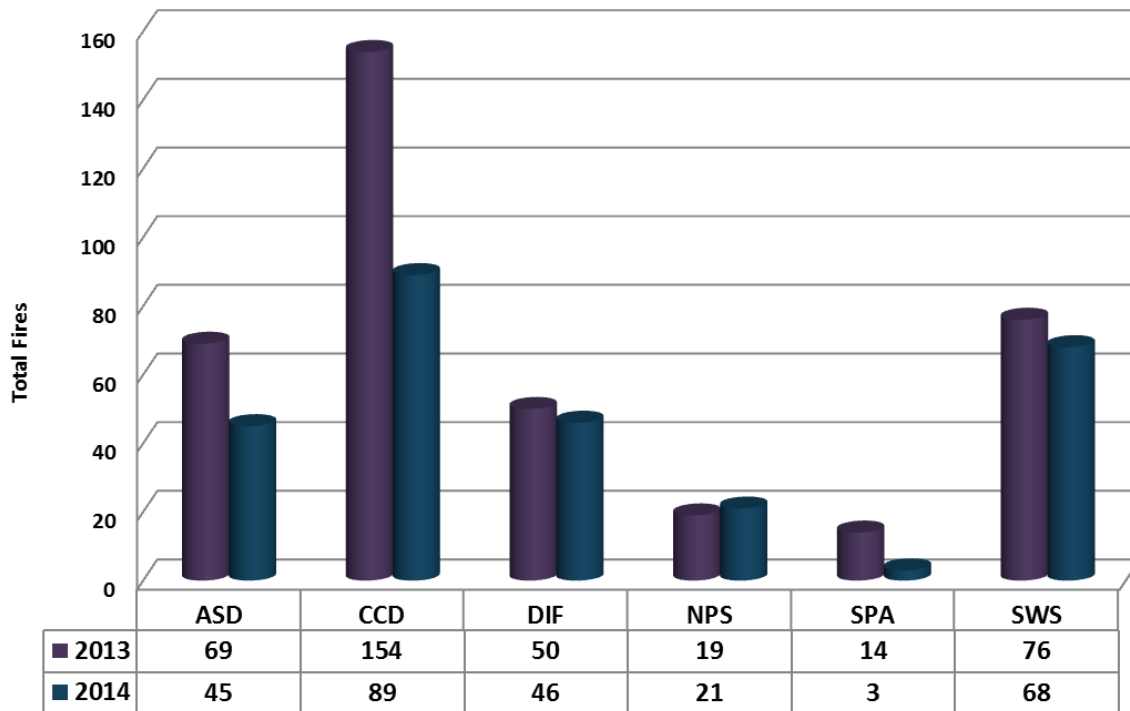


## PERCENT OF TOTAL ACRES BY AGENCY

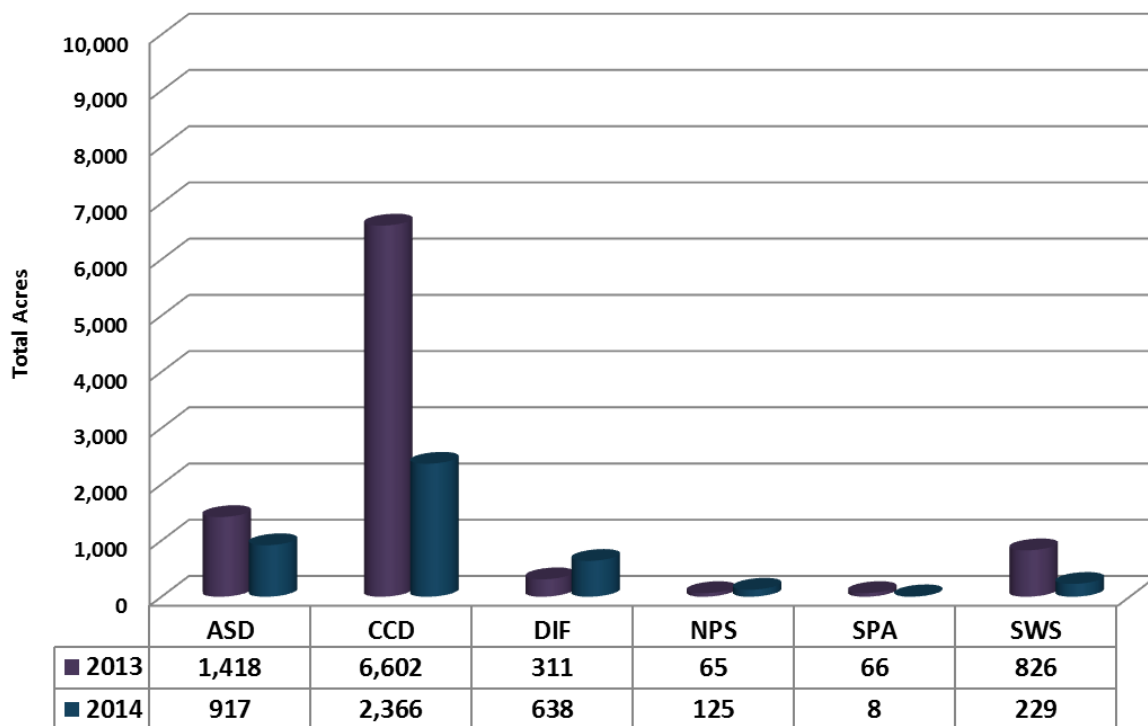


# Two Year Comparison

## Fires



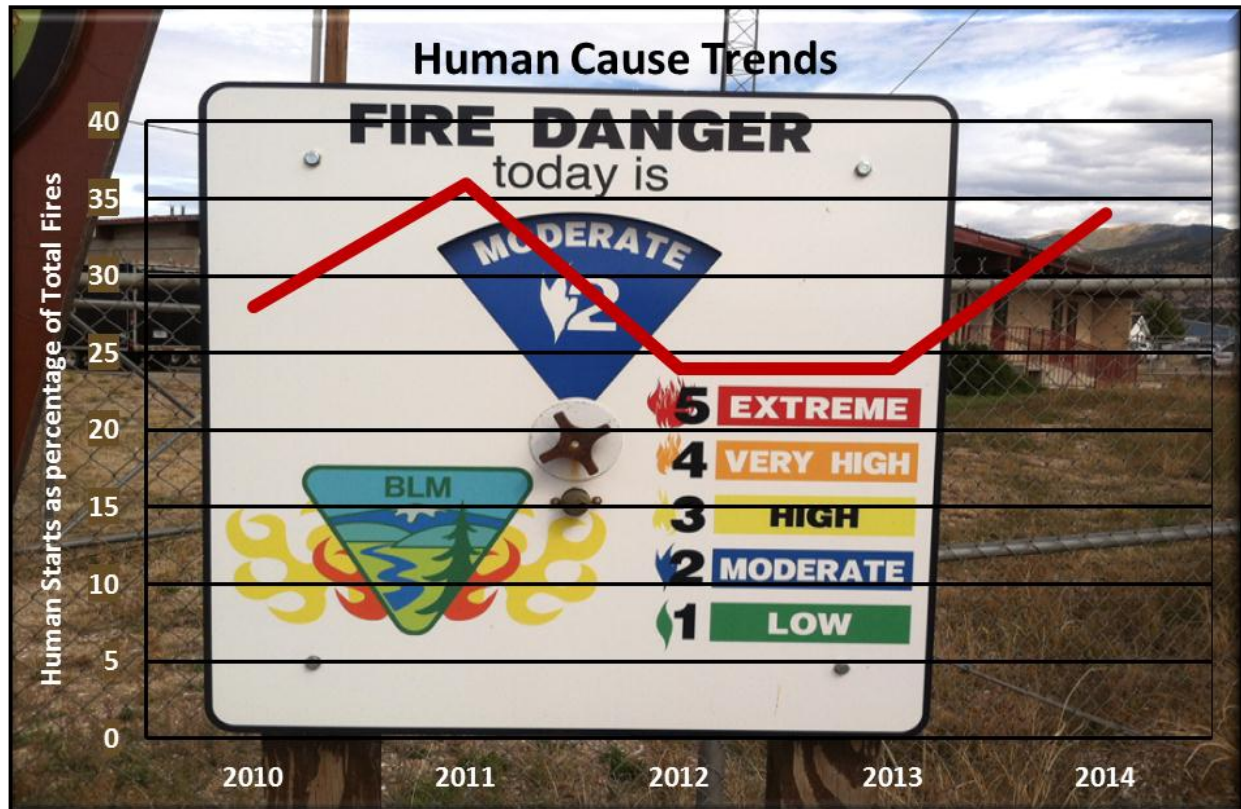
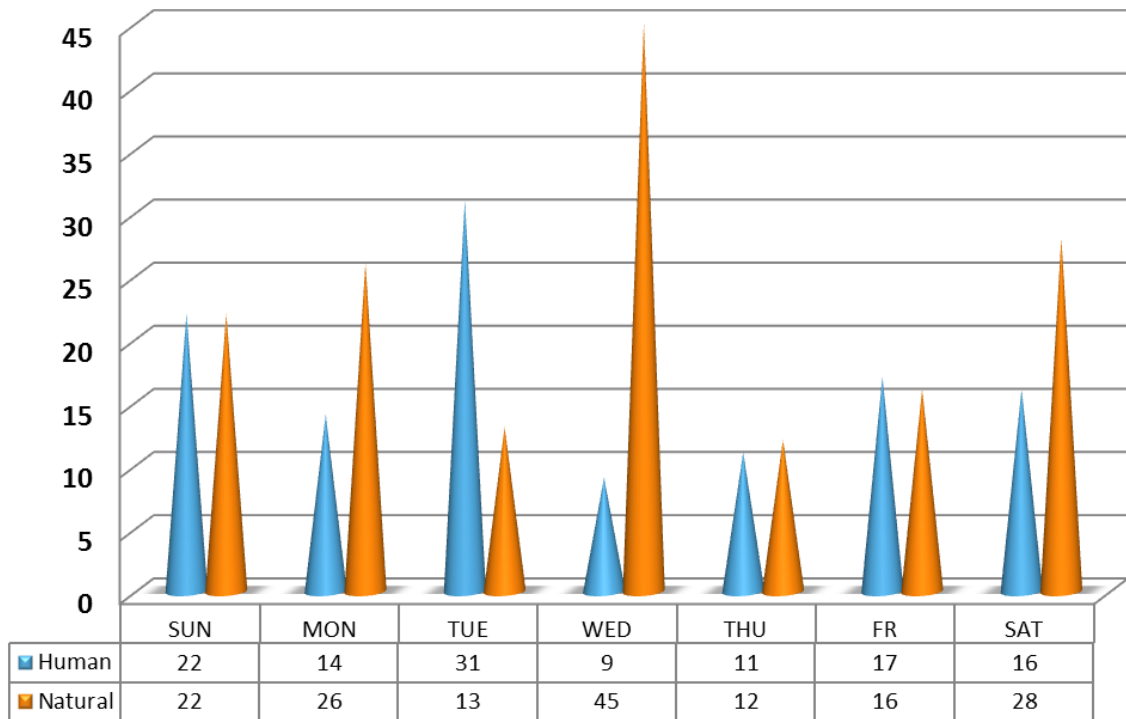
## Acres



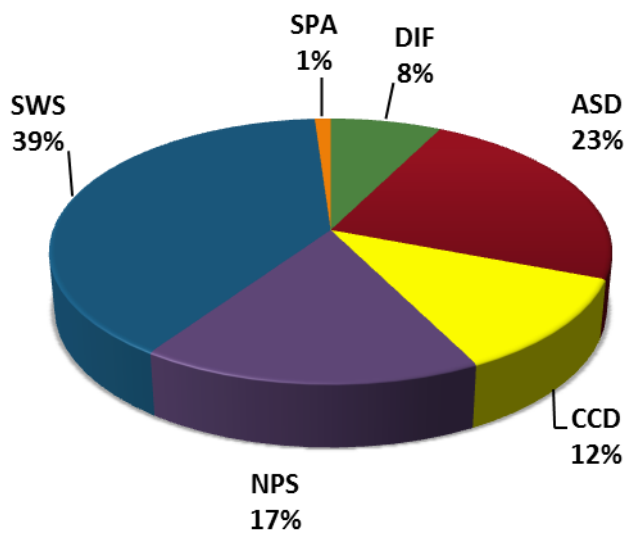
## Incorporated Assists

Date	Name	Natural Fires	Natural Acres	Human Fires	Human Acres
	<b>Beaver County</b>				
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>
	<b>Garfield County</b>				
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>
	<b>Kane County</b>				
11-Apr	Glendale Assist 01			1	0.4
5-Apr	Glendale Assist 02			1	0.1
5-Apr	Glendale Assist 03			1	0.1
5-Apr	Glendale Assist 04			1	0.1
17-Apr	Glendale Assist 05			1	0.1
19-Apr	Glendale Assist 06			1	0.1
<b>Total</b>		<b>0</b>	<b>0</b>	<b>6</b>	<b>0.9</b>
	<b>Iron County</b>				
17-Jul	Brian Head Assist 01	1	0.1		
26-May	Cedar City Assist 01			1	0.1
4-Jul	Cedar City Assist 02			1	0.3
<b>Total</b>		<b>1</b>	<b>0.1</b>	<b>2</b>	<b>0.4</b>
	<b>Washington County</b>				
25-Jun	Hurricane Assist 01			1	0.1
1-Jun	St. George Assist 01			1	8.0
14-Jun	St. George Assist 02			1	0.5
<b>Total</b>		<b>0</b>	<b>0</b>	<b>3</b>	<b>8.6</b>
<b>Total</b>	<b>Utah Incorporated Assists</b>	<b>1</b>	<b>0.1</b>	<b>11</b>	<b>9.9</b>
	<b>Coconino County</b>				
17-Jun	Fredonia Assist 01			1	0.3
<b>Total</b>		<b>0</b>	<b>0</b>	<b>1</b>	<b>0.3</b>
	<b>Mohave County</b>				
		0	0	0	0
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total</b>	<b>Arizona Incorporated Assists</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0.3</b>

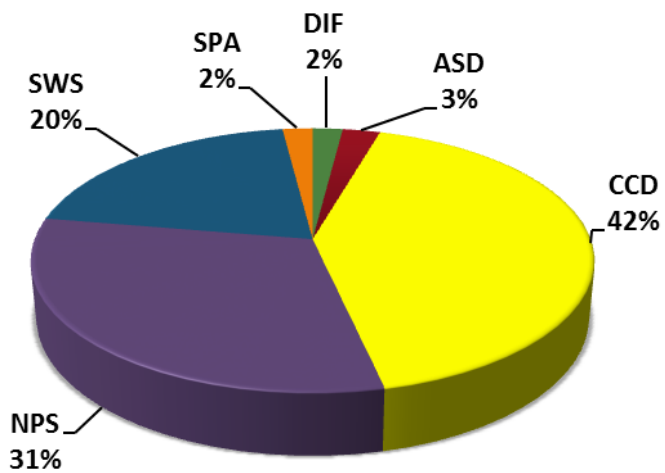
## Wildland Fires By Day of the Week



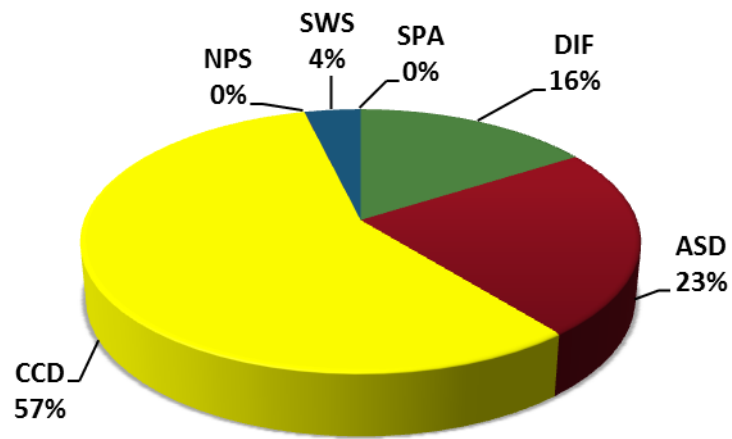
### Human Caused Fires



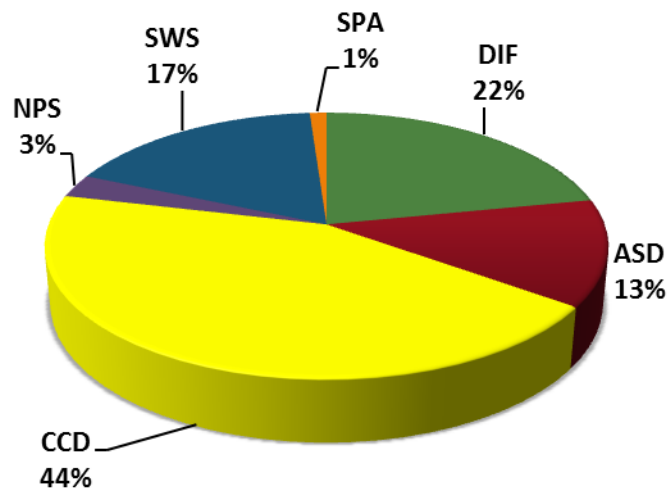
### Human Caused Acres



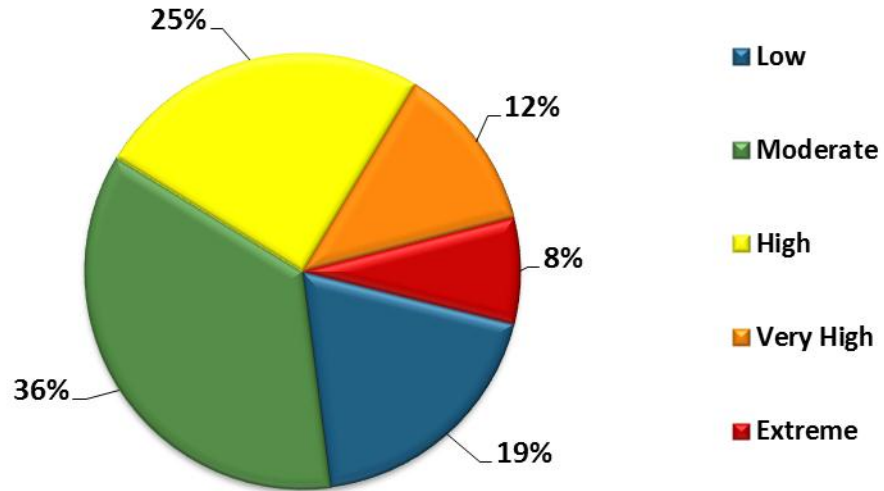
### Natural Caused Acres



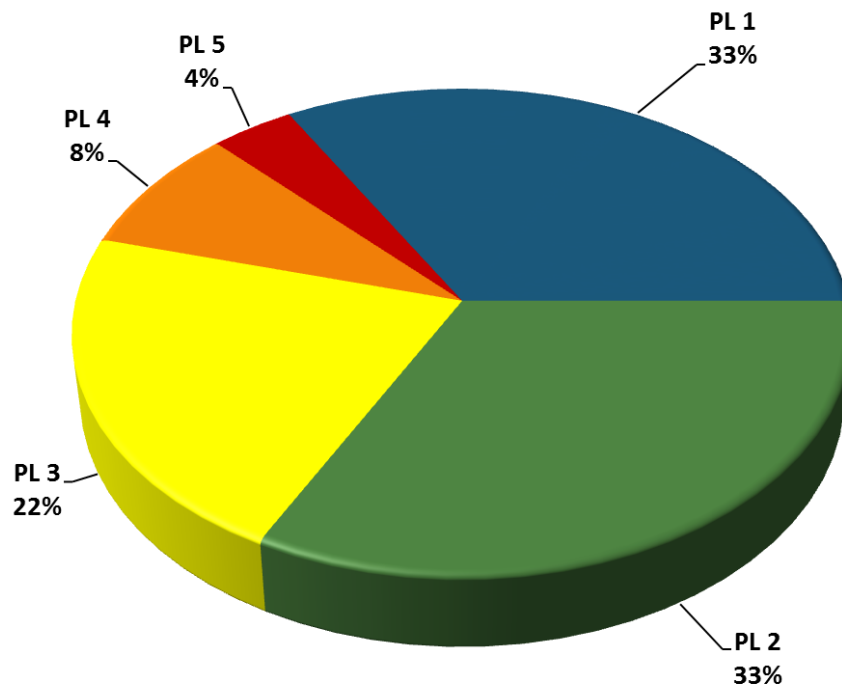
### Natural Caused Fires



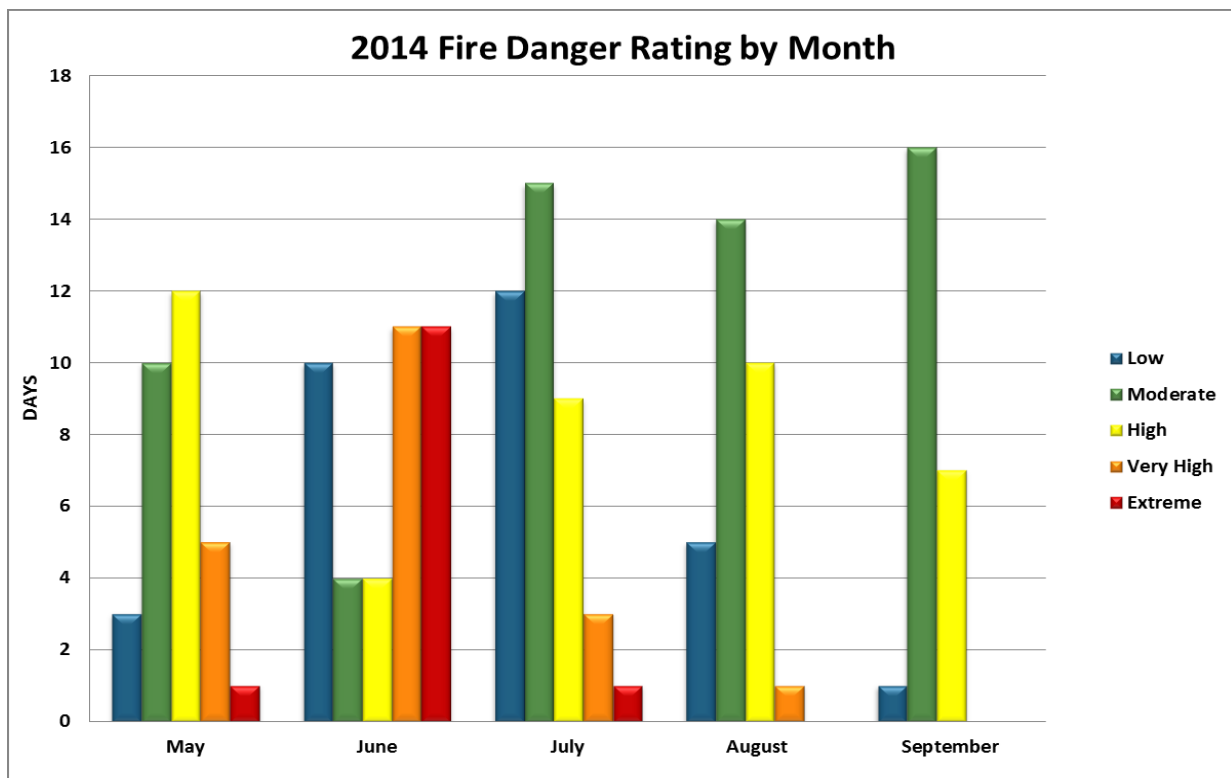
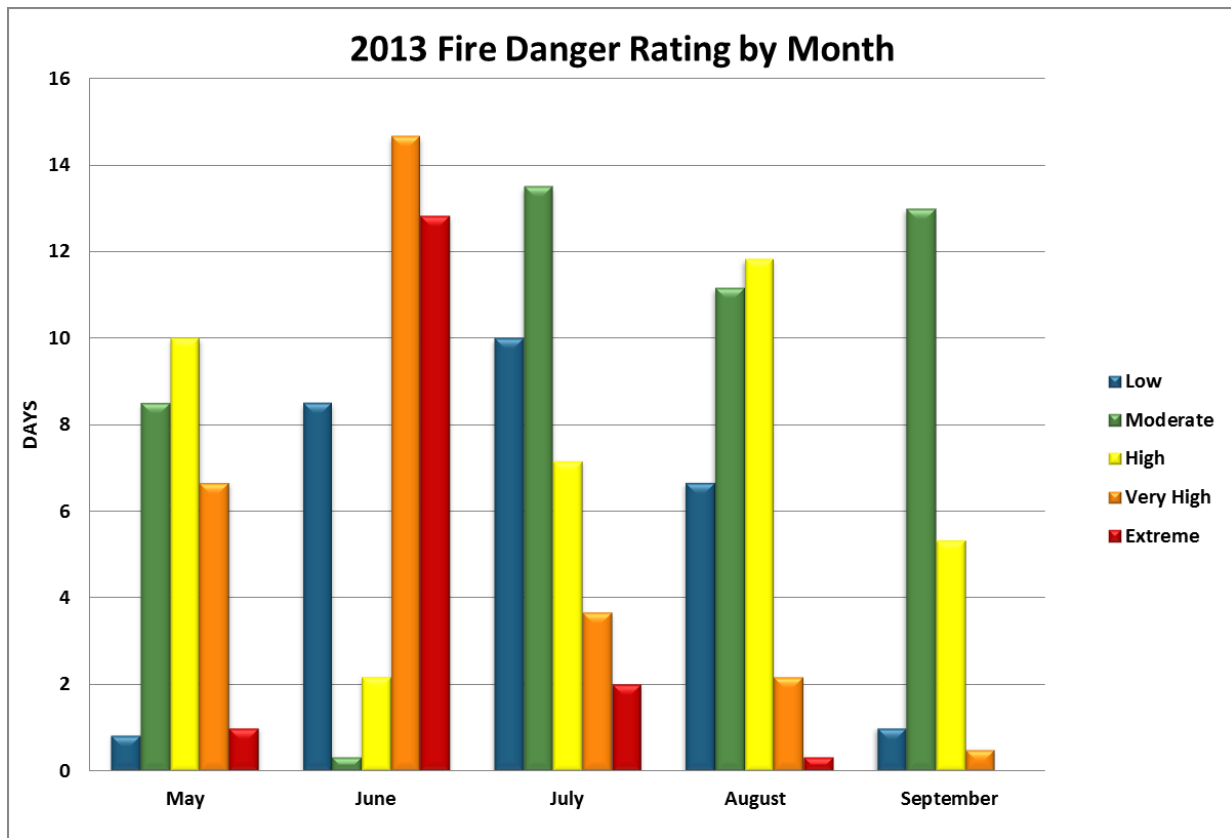
## Percentage of Season by Fire Danger Rating



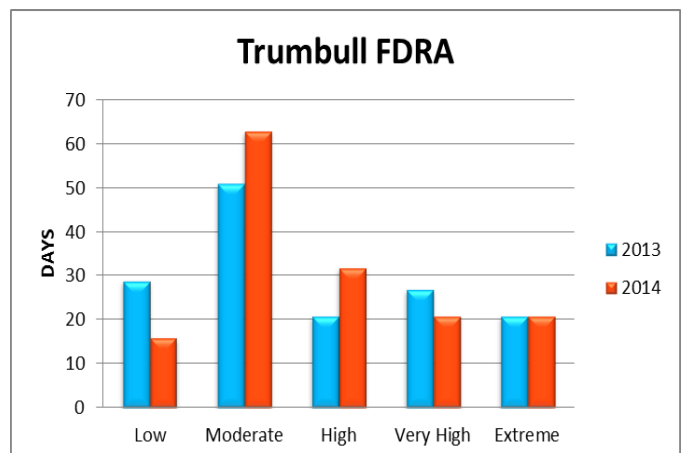
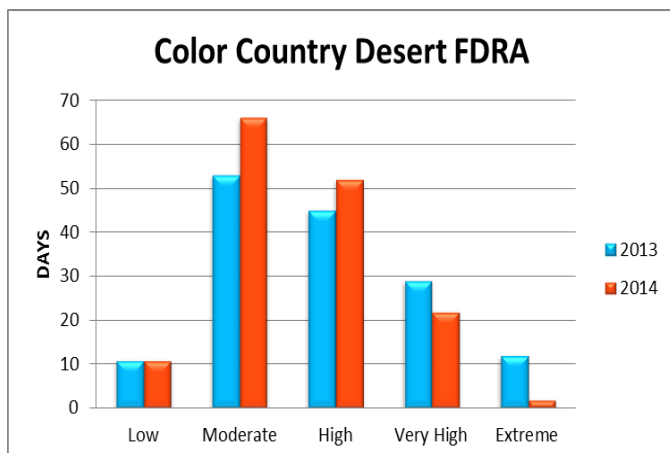
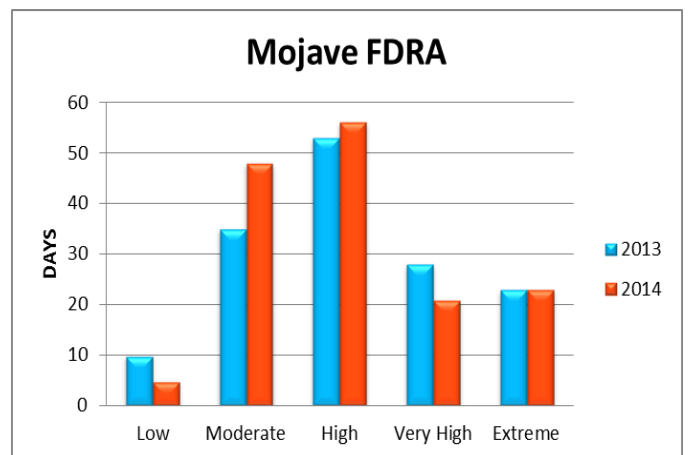
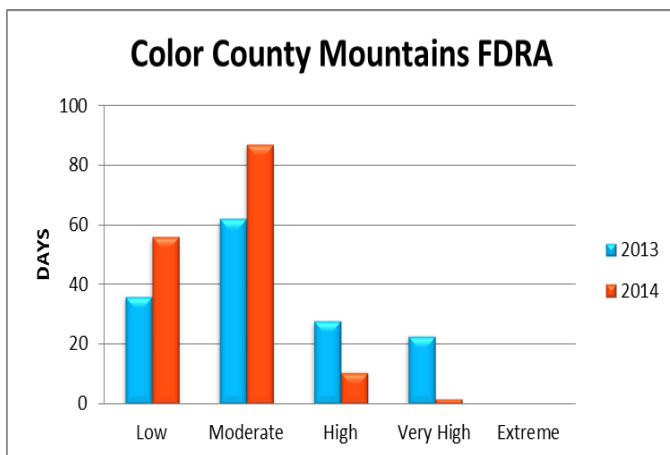
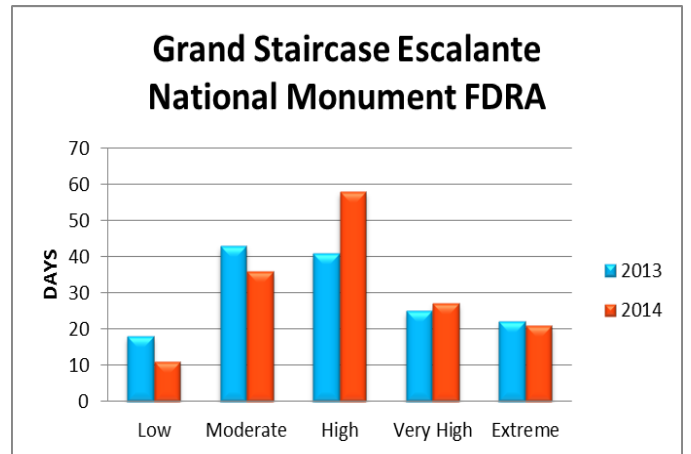
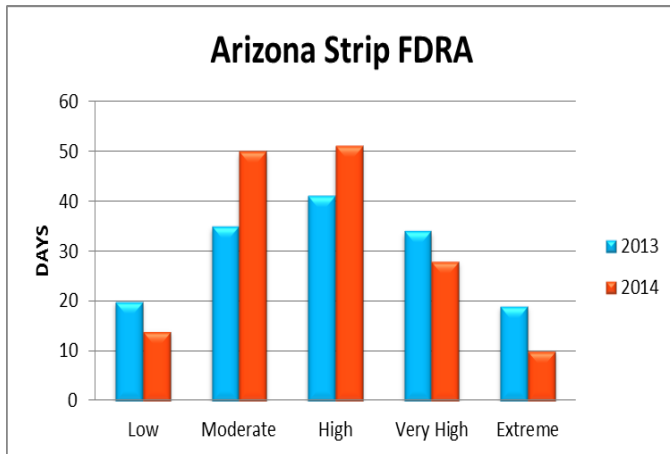
## CCIFC Preparedness Level



## 2013 & 2014 FDRA Comparison







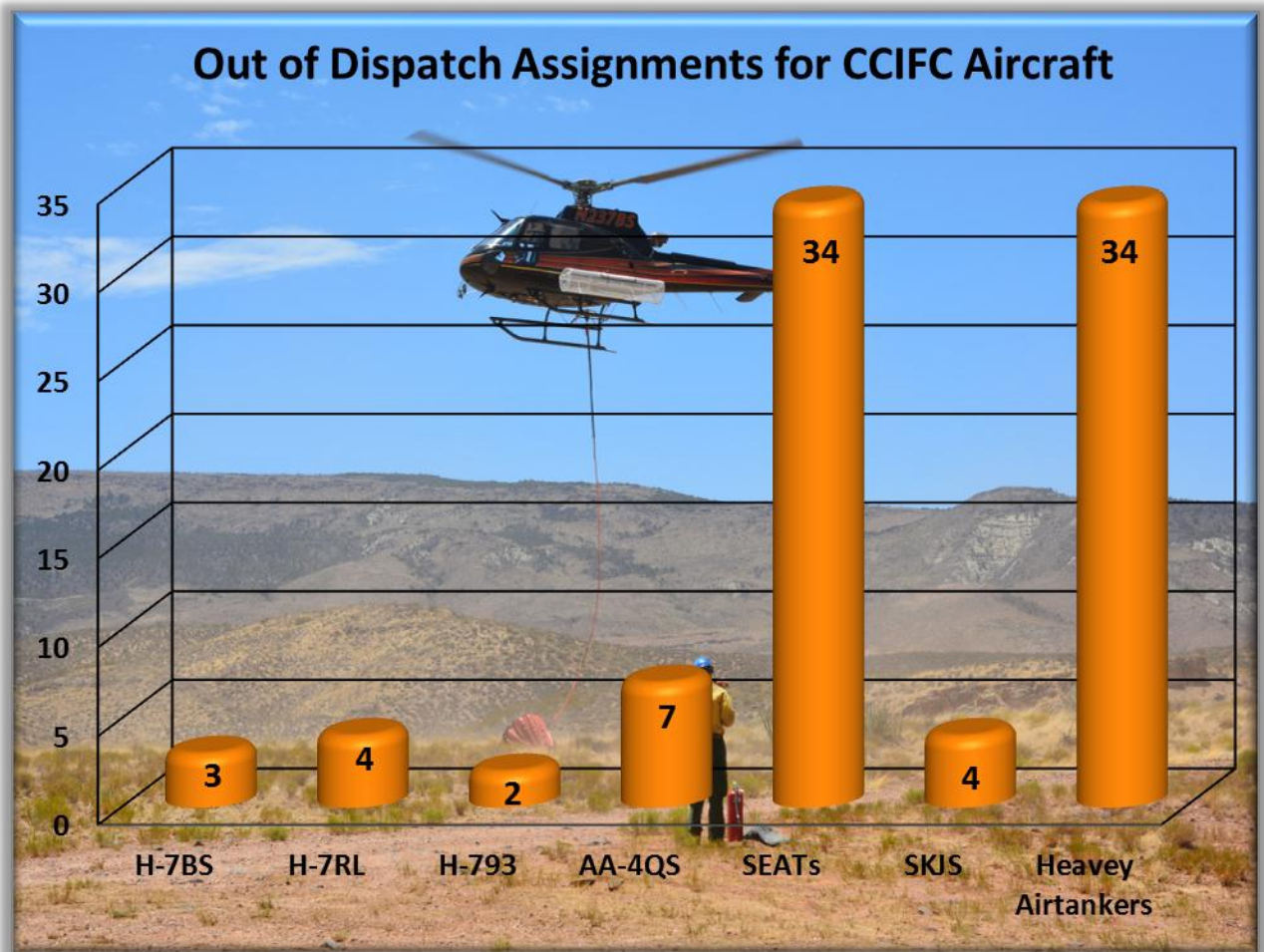
## Prescribed Burns

Calendar year prescribed fire stats are as they were reported to CCIFC.  
As of 03/24/2015

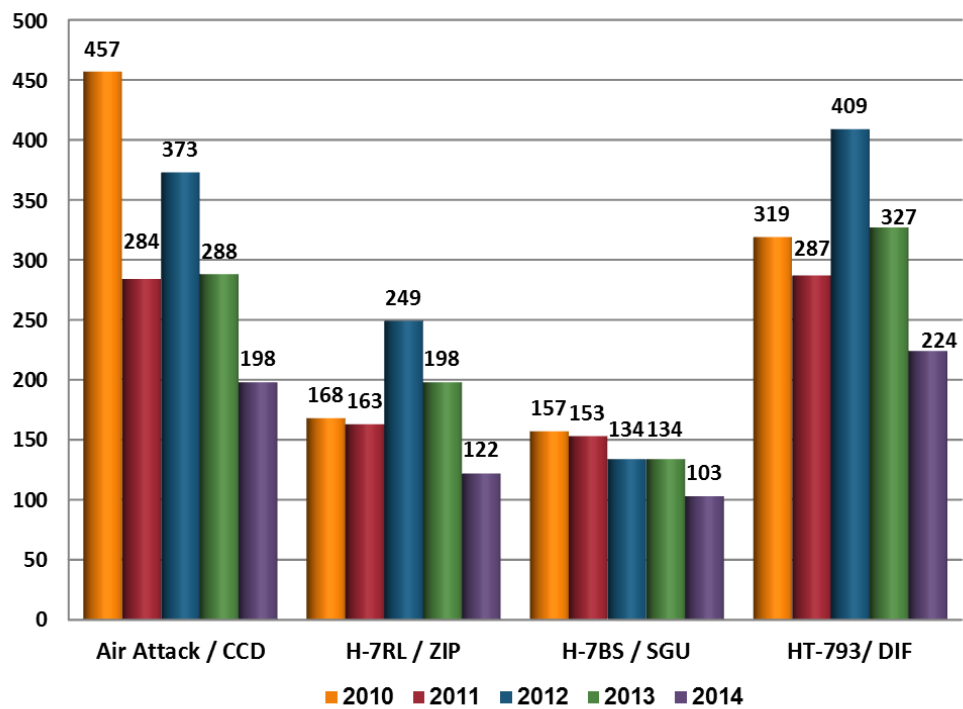
Agency	Number of RX	RX Acres
Dixie National Forest Total	13	1,991
Pine Valley Ranger District	2	93
Cedar City Ranger District	7	1,031
Powell Ranger District	2	599
Escalante Ranger District	2	286
Color Country BLM	3	7
State of Utah	13	124
Beaver County	2	34
Garfield County	2	23
Kane County	0	0
Iron County	5	41
Washington County	4	27.3
Arizona Strip BLM	4	1,326
Bryce Canyon National Park	1	15
Zion National Park	2	27
<b>Total For CCIFC</b>	<b>33</b>	<b>3,490</b>

## Aircraft

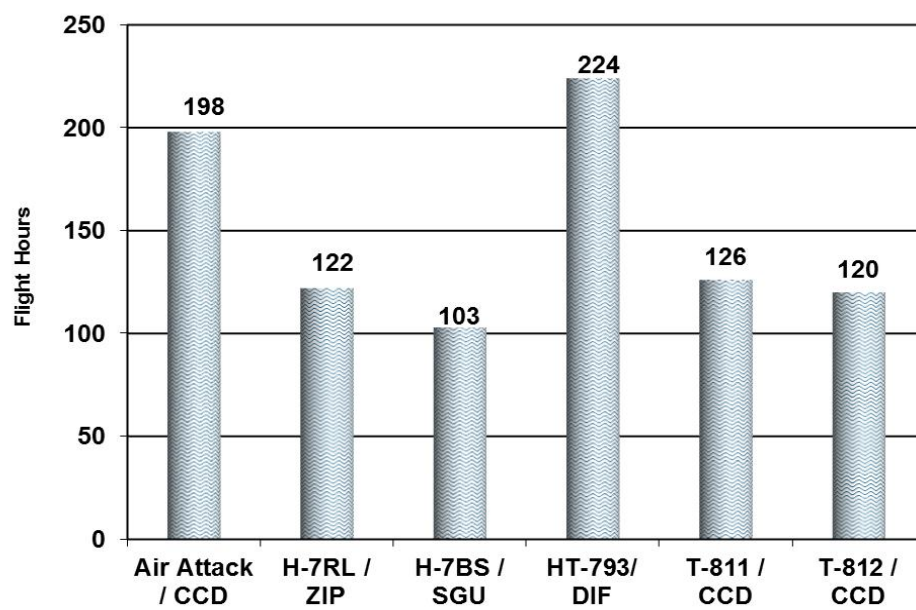
Color Country Interagency Fire Center filled 88 aircraft orders for non-local incidents in ROSS. These orders do not include all local resources sent during Initial Attack, which are not captured in ROSS.



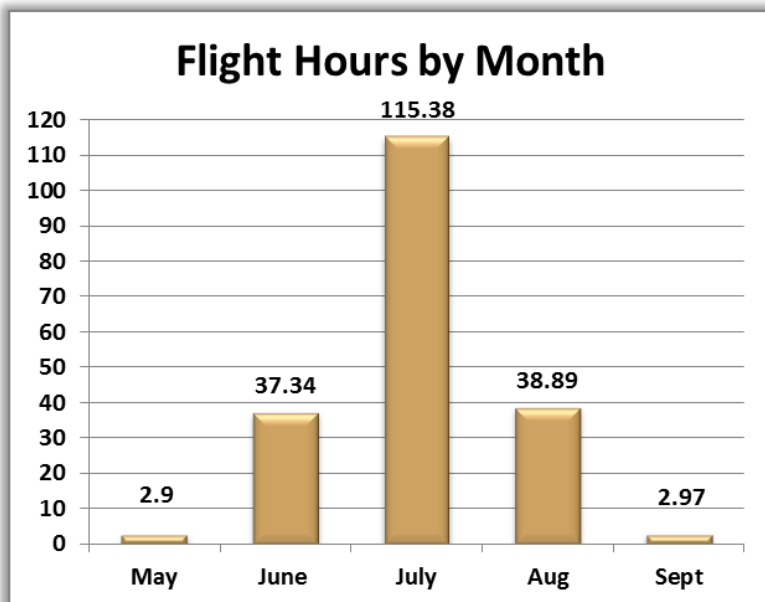
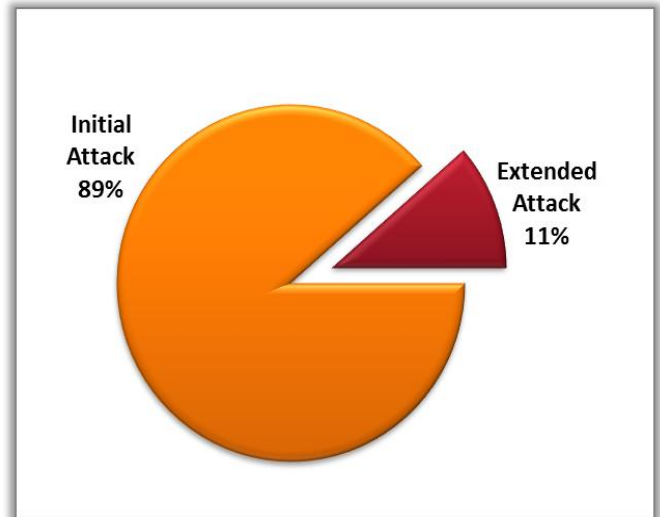
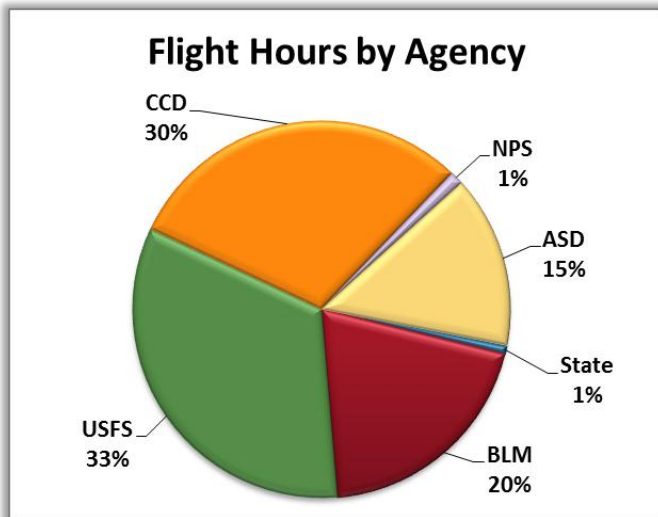
### Aircraft Utilization Comparison



### Aircraft Utilization 2014

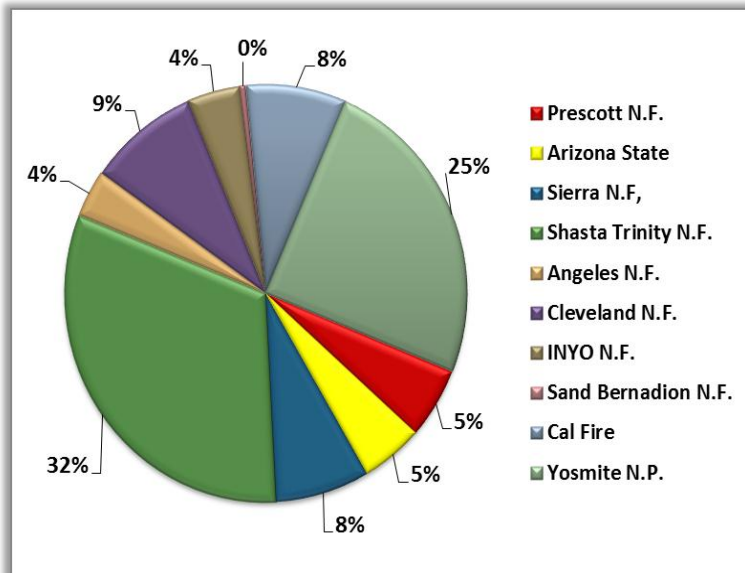


## Air Attack N4QS – Color Country BLM



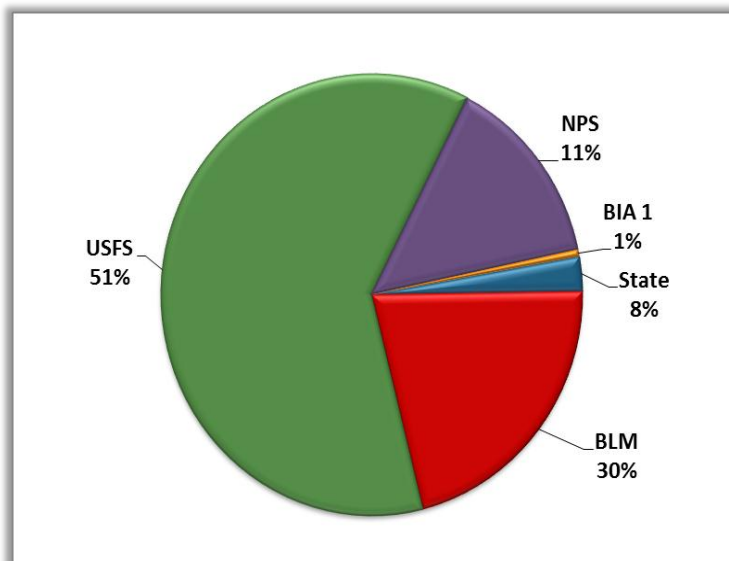
Number of Fires	79
Contract	99 Days
Total Flight Hours	197.5
Total of Trainees	5
# of Days w/Trainees	54

## Helicopter N793HT – Dixie N.F.



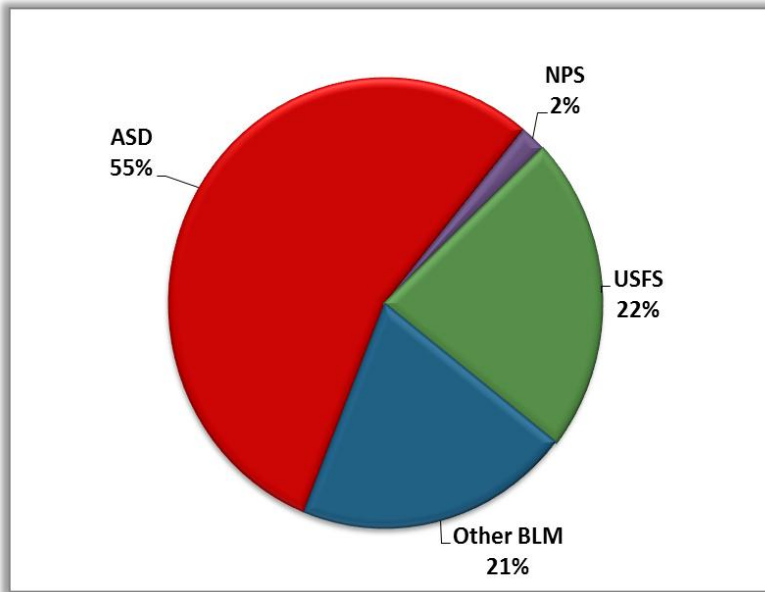
Contract	180 Days
Total Flight Hours	224.3
Total Gallons	976,450

## Helicopter N237BS – Arizona Strip BLM

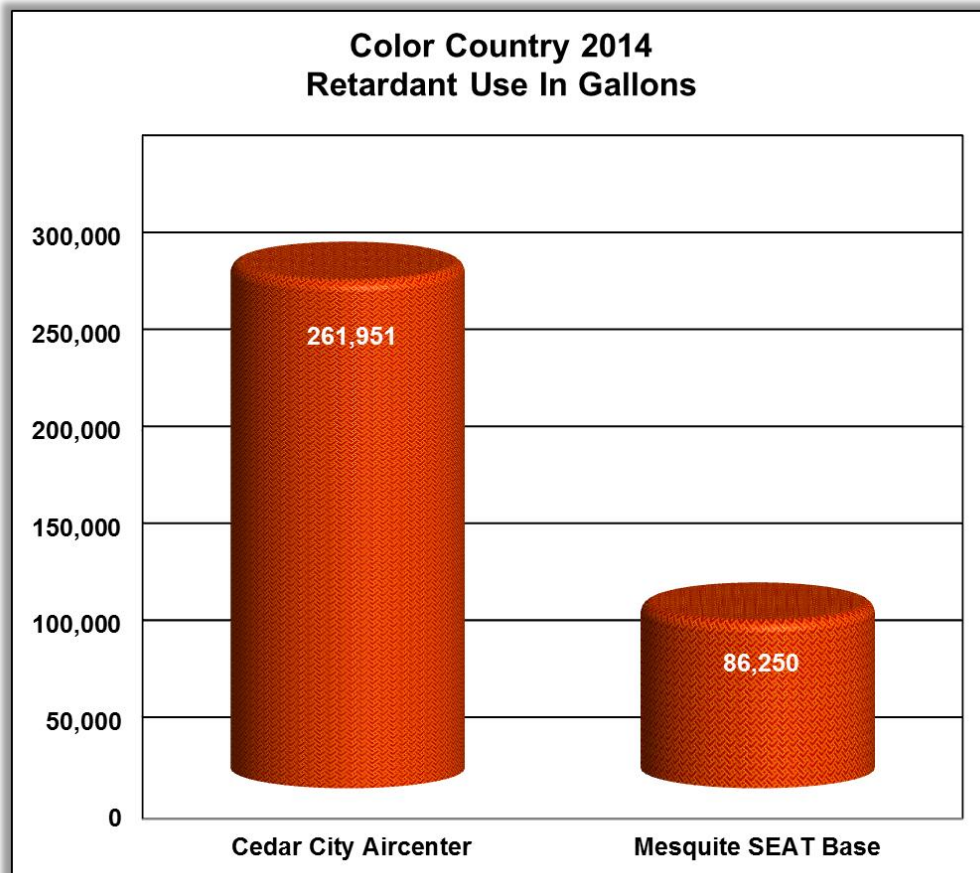


Number of Fires	22
Contract	90 Days
Total Flight Hours	102.5
Total Gallons	27,801
Total Cargo Pounds	51,834
Total Passangers	307

## Helicopter N407RL – Zion NPS

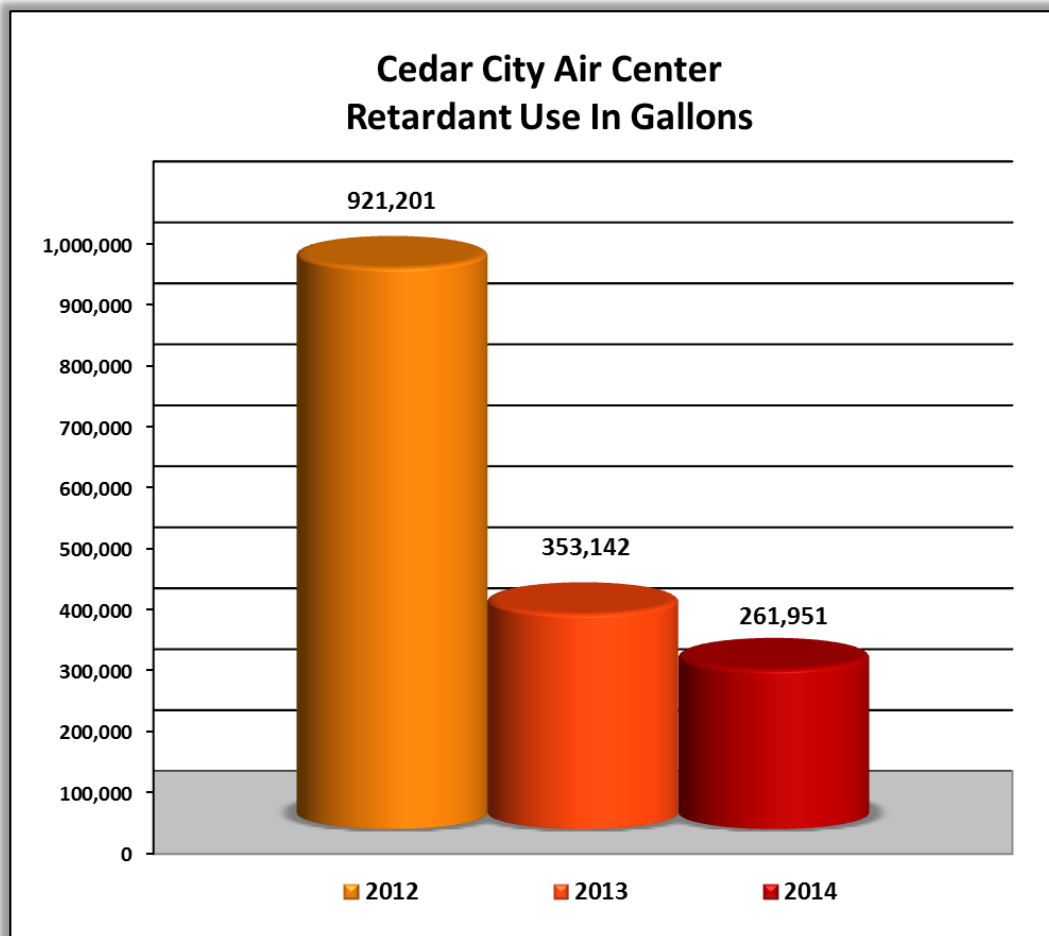


Number of Fires	32
Contract	120 Days
Total Flight Hours	121.6
Total Gallons	41,540
Total Cargo Pounds	53,647
Total Passangers	450

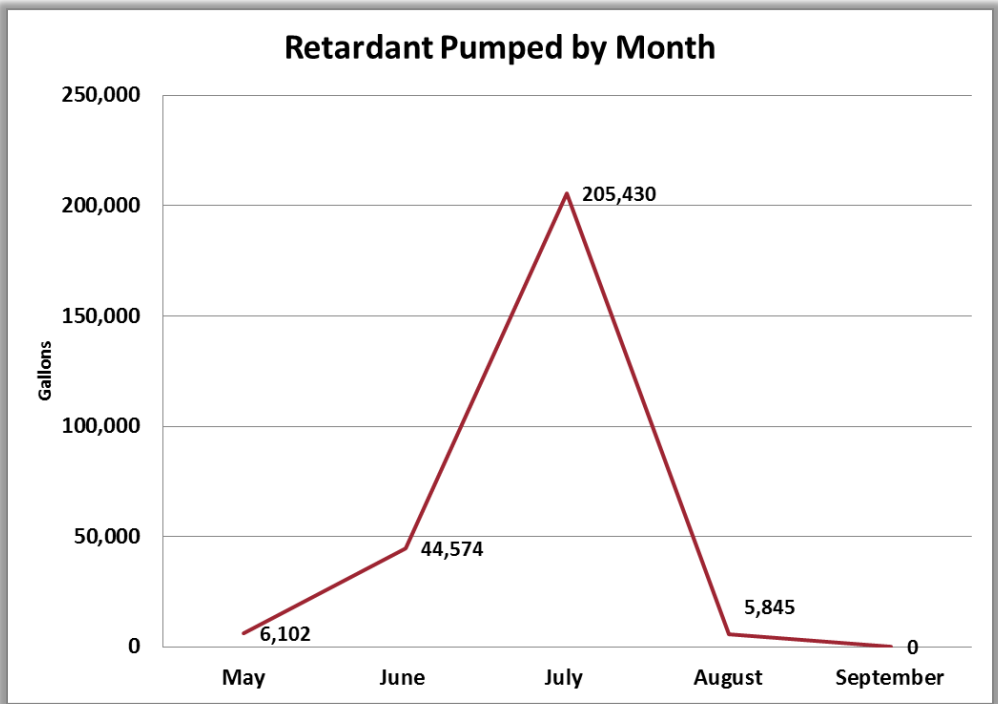
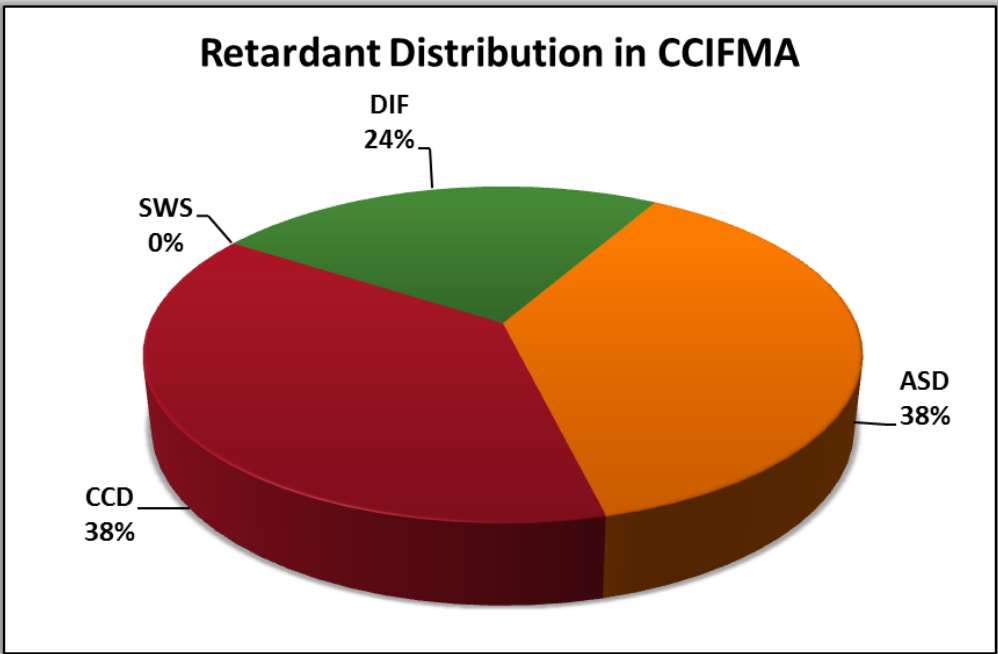


## Cedar City Air Center

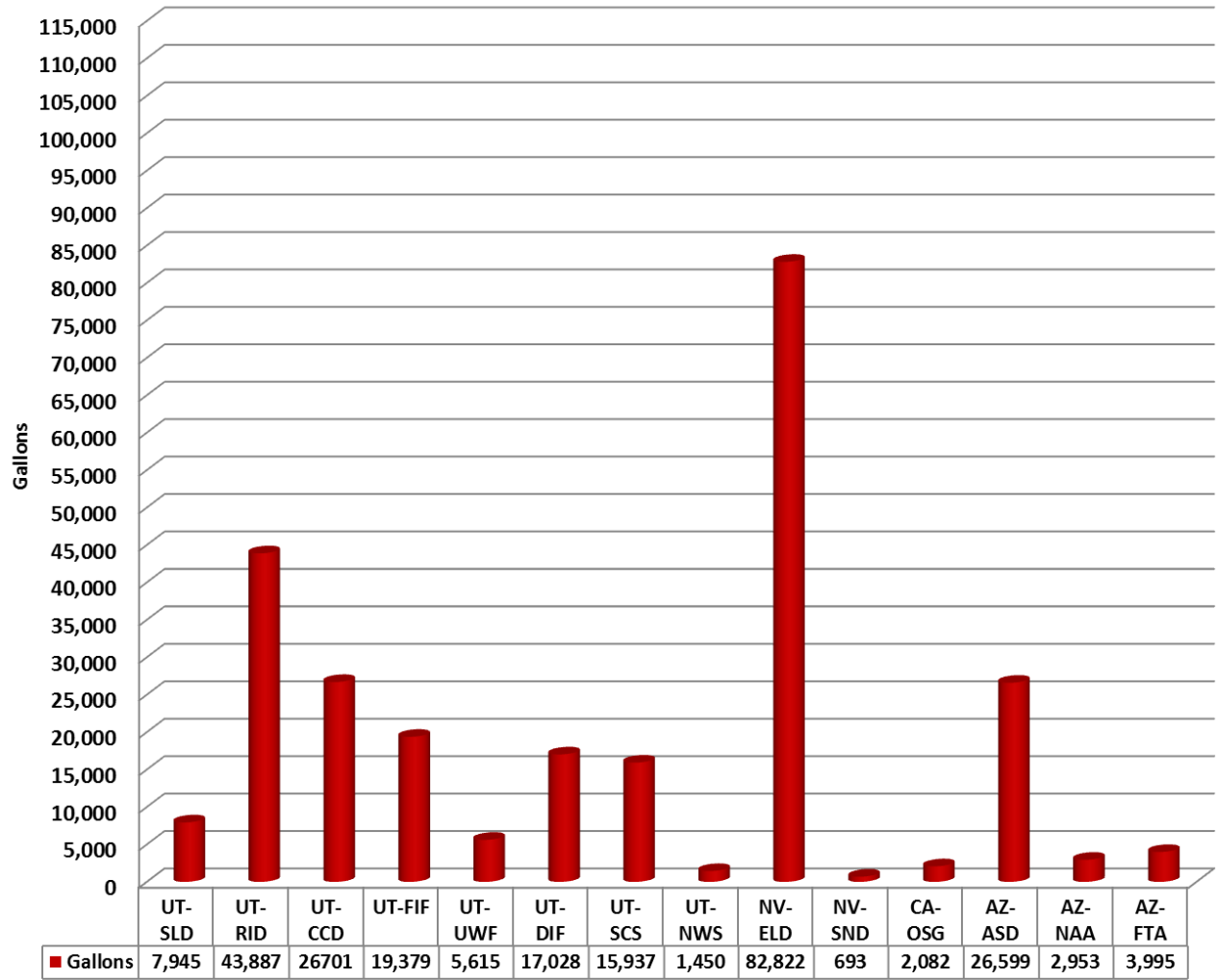
Cedar City Tanker Base loaded 261,951 gallons of retardant in 2014. 142,907 Gallons were loaded for wildland fire in the state of Utah and 119,104 gallons went out of state.







## Retardant Distribution



## CCIFC Summary of ROSS Transactions

Request Catalog Name	Enter*	Delete	Place*	Retrieve*	Fill*	Unfill	Reassign	Release	Cancel*	Cancel UTF	UTF*
Aircraft	154	2	70	1	191	4	60	88	5	6	14
Crew	33	4	16	0	44	4	17	12	3	0	7
Equipment	90	1	40	2	172	12	19	65	4	2	30
Overhead	984	1	503	8	1,648	82	524	534	18	1	329
Supply	819	146	146	12	807	0	1	16	20	0	6
<b>Summary</b>	<b>2,080</b>	<b>154</b>	<b>775</b>	<b>23</b>	<b>2,862</b>	<b>102</b>	<b>621</b>	<b>715</b>	<b>50</b>	<b>9</b>	<b>386</b>

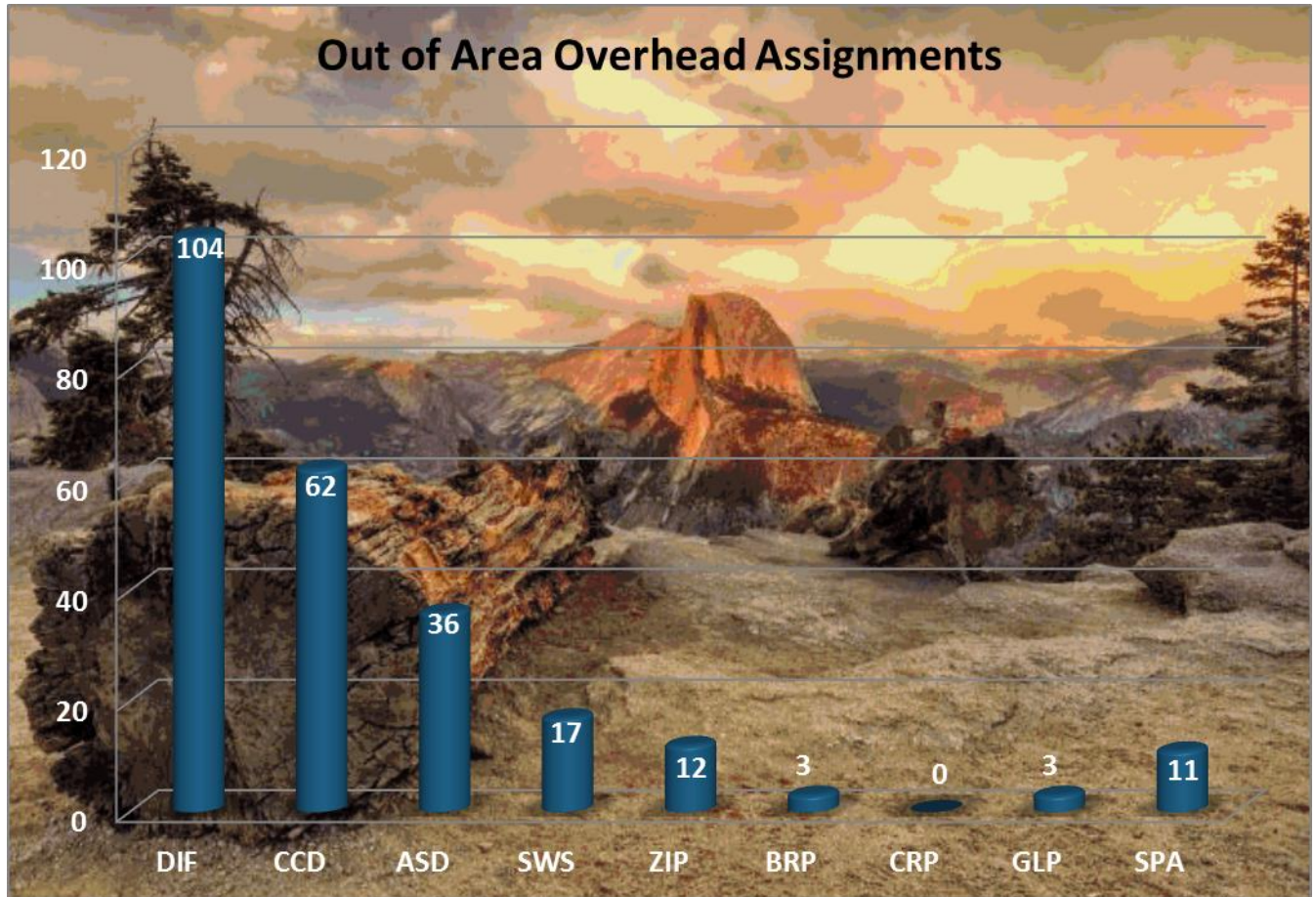
## Crews

Color Country Interagency Fire Center filled 19 crew orders in ROSS for non-local incidents with local resources. These orders do not include local resources sent during Initial Attack, which is not captured in ROSS.



# Overhead

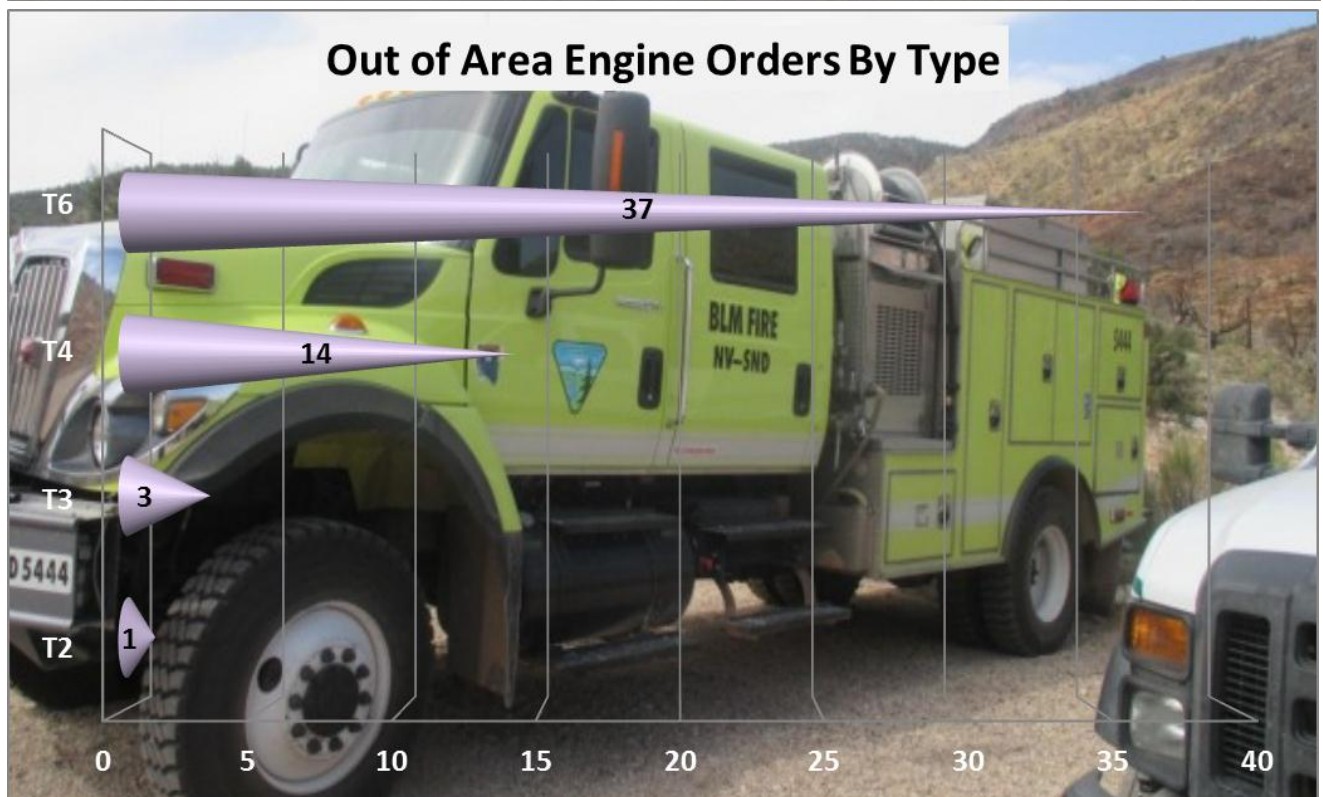
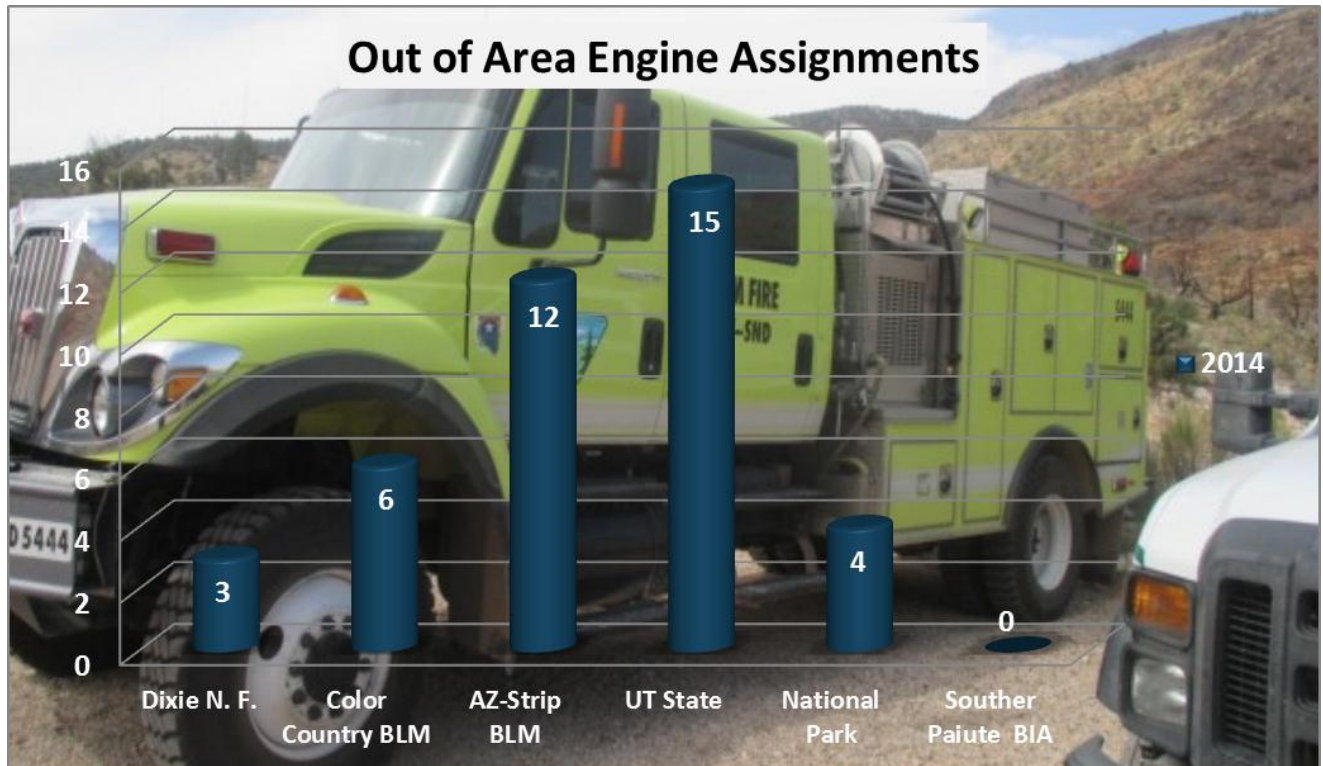
Color Country Interagency Fire Center filled 248 overhead orders for non-local incidents. These orders do not include local resources sent during Initial Attack, which are not captured in ROSS.





# Engines

Color Country Interagency Fire Center filled 40 non-local incident orders with local engines in ROSS. These orders do not include local resources sent during Initial Attack.



## 5 & 10 YEAR AVERAGES

Arizona Strip BLM	Years	Average Fires	Average Acres
5 Year	2010-2014	76	15,601
10 Year	2005-2014	94	28,381

Color Country BLM	Years	Average Fires	Average Acres
5 Year	2010-2014	144	10,993
10 Year	2005-2014	162	41,401

Dixie National Forest	Years	Average Fires	Average Acres
5 Year	2010-2014	51	2,719
10 Year	2005-2014	61	6,403

National Parks	Years	Average Fires	Average Acres
5 Year	2010-2014	16	283
10 Year	2005-2014	19	2,353

Southern Paiute Agency	Years	Average Fires	Average Acres
5 Year	2010-2014	8	1,487
10 Year	2005-2014	7	1,958

UT Southwest State	Years	Average Fires	Average Acres
5 Year	2010-2014	83	3,321
10 Year	2005-2014	95	7,843



USDA-Forest Service		UNIT	
<b>PERSONNEL EMPLOYED ON WILDFIRE PRESUPPRESSION AND SUPPRESSION ACTIVITIES</b>		Dixie National Forest	
		CALENDAR YEAR	
		2014	
<b>INSTRUCTIONS:</b> 1. Data for items 1a, 1b, and 2b should be taken from planning and budget records in the Supervisor's Office.  2. Items 1c, 1d, 2b, and 2c may be obtained from actual records in the S.O. or from the Ranger District. If obtained from the Ranger having intimate knowledge on use of his personnel, these items may be estimated. Complete accuracy is not required.  3. Item 3 may be estimated where large numbers of casuals are employed. Since each reemployment counts as a new employment, sufficient accuracy can be obtained by sample counts and measurement of time slips.			
ITEM NO.	ITEM	NUMBER	
		SUB-TOTAL	TOTAL
1.	Regular appointed personnel		
	a. Full-time fire management ( <i>20 pay periods or more</i> )	22	
	b. Part-time fire management	32	
	c. Others used on presuppression sometime during year	8	
	d. Others used on suppression ( <i>exclude those reported under a, b, or c</i> )	10	
	e. Total ( <i>a + b + c + d</i> )		72
2.	Seasonal or short-term personnel		
	a. Regular fire control ( <i>crews, firefighters, patrol, lookouts, etc.</i> )	53	
	b. Others ( <i>BD, KV, BR, R&amp;T, etc.</i> ) who spent time on fire control work	20	
	c. Emergency firefighters ( <i>exclude those reported under a or b</i> )	10	
	d. Total ( <i>a + b + c</i> )		83
3.	Total number of casuals employed on fire suppression ( <i>Each reemployment counts as an employment</i> )		38
4.	Number of casuals ( <i>included in Item 3</i> ) employed for first time ( <i>Ranger's estimate is adequate</i> )	16	
5.	GRAND TOTAL ( <i>1e + 2d + 3</i> )		193
<b>REMARKS</b> ( <i>if necessary</i> )  Includes Cedar City IHC as well as regular Forest Service resources.			
<b>SUBMITTED BY</b> ( <i>Signature</i> )  <u>/S/ Kevin Greenhalgh</u>		<b>TITLE</b>  Forest Fire Management Officer	