

# **2017 ANNUAL REPORT MOAB INTERAGENCY FIRE CENTER**



Aerial view of Moab Interagency Fire Center August 2017

**Canyon Country BLM (Moab, Monticello, Price Field Offices)  
Manti-La Sal National Forest  
National Park Service Southeast Utah Group  
Utah State Forestry, Fire & State Lands, Southeast Area  
BIA Ute Mountain Field Office**



**2017 ANNUAL REPORT  
MOAB INTERAGENCY FIRE CENTER  
SOUTHEAST UTAH**

**70 E Fire Center Drive, Moab, UT 84532**

**435-259-1850**

**Dispatch Zone**

The Moab Interagency Fire Center (MIFC) is the dispatch center for Southeast Utah which includes: Canyon County District (BLM); Manti-La Sal National Forest (USFS); Division of Forestry, Fire and State Lands Southeast Area (SES); and the National Park Service Southeast Utah Group (NPS).

The dispatch area involves over 10 million acres of terrain that ranges from grasslands at 4,000 feet to forested lands above 12,000 feet in elevation. Land status throughout the area is highly fragmented. MIFC has an average of 200-300 incidents per year, with a fire season that extends throughout the year with prescribed fires and pile burning in the spring, fall, and winter.

**Dispatch Staffing**

*Center Manager – Rachel Cresto*

*Assistant Center Manager – Vacant*

*BLM Lead Dispatcher – Bill Sullivan*

*USFS Lead Dispatcher – Mark Hassel*

*USFS Logistics Dispatcher – Jessica Allred*

*State Dispatcher – Gordon Spencer*



**Back Row Left to Right: Rachel Cresto, Dave Engelman, Bill Sullivan Front Row Left to Right: Ron Irvin, Jessica Allred, Brian Phillips, Mark Hassel, and Gordon Spencer**

Personnel from the local area filled various positions in the organization throughout the summer. Fire activity was light, no expanded dispatch was needed. The dispatch Initial Attack Floor had two IADP's from out of Geographic Area for a total of 14 days each. 2 Coordinators, one for 21 days and the second for 14 days. We utilized local personnel for overnight staffing and one local person as a Coordinator consistently throughout the summer. One IADP, one ACDP and one ESDS task book were completed locally.

**Dispatch Activity**

Fire activity was average in number of fires and below average in acres burned. The first wildland fire of the year occurred on February 23rd and the last occurred on December 4th. Prescribed fire activity was ongoing during the winter and shoulder fire seasons. MIFC had around the clock staffing for approximately 28 days this season.

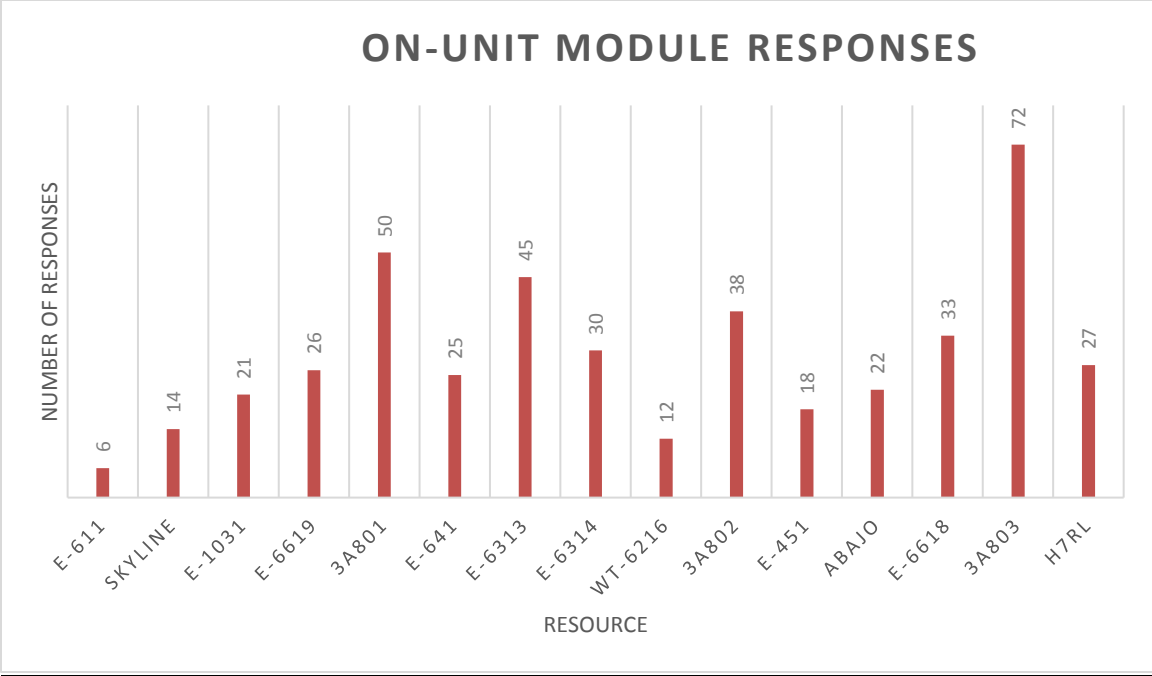
## Fire Activity

Initial attack fire activity was 93% of average while acres burned was 83% of average. Resources responded to 189 wildfires, 16 prescribed burns, and 93 false alarms. Large fire activity was minimal with two large fires (over 100 acres) on the zone. Old 6 and 50 (UT-MOD) was a human caused fire between Crescent Junction, Utah and Thompson Springs, Utah that started off of the Old Highway 6 and 50 on June 22nd and burned 141 acres. The Johnson Ridge Fire was an escaped prescribed fire declared on 10/13/2017 (UT-MLF) and burned 118 acres. 2017 did show an uptick in Human caused fires in the fire zone for a total of 85, with the ten year average of 64%.



Dilly Canyon Fire 2017





**Prescribed Fire**

Local Fuels programs took advantage of favorable conditions for prescribed burning during the off season. There were a total of 16 prescribed burns for 1,075.1 acres.



Johnson Creek Nizhoni RX 2017

<b>AGENCY</b>	<b>RX Fires</b>	<b>RX Acres</b>
<b>BLM</b>	<b>4</b>	<b>289</b>
<b>USFS</b>	<b>4</b>	<b>780</b>
<b>STATE</b>	<b>6</b>	<b>4</b>
<b>NPS</b>	<b>2</b>	<b>1</b>
<b>TOTAL</b>	<b>16</b>	<b>1075</b>



Ford Ridge RX 2017



### Aviation

Aircraft orders for out of area resources were average this year with 53 total.



Castleton Fire 2017

## Moab Helitack

Moab Helitack had a total of 157.9 revenue hours with 118 days on contract. 155.4 hours were on fire. 2.5 hours were projects and resource flights. Moab Helitack had a total of 28 Initial attack responses and 13 extended attack fires. H7RL transported 557 passengers and 16,035 gallons of water. Moab Helitack participated in one aerial ignition project with a total of 3100 acres burned. Two Cargo Letdown Spotters (HCLS) were certified. A total of 2 operational cargo letdowns were completed. The crew size was 9 people and Moab Helitack had three detailers in 2017. Ten task books were completed/certified in various positions.

### Moab Helitack Flight Hours

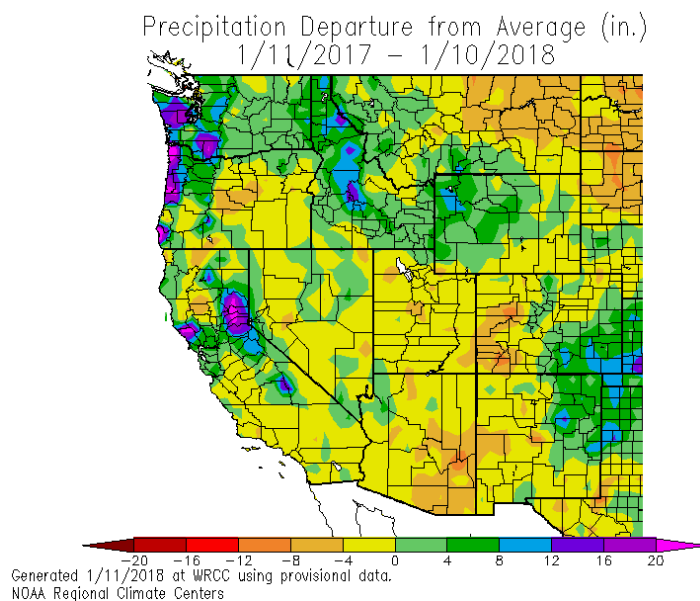
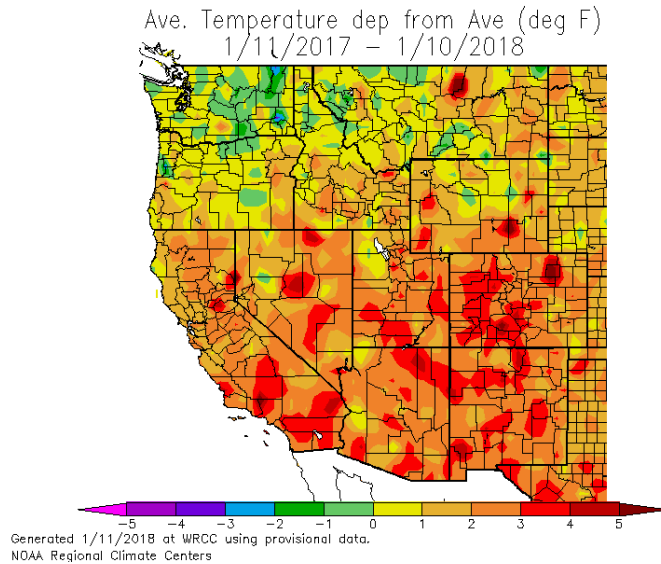
Agency:	BLM	USFS	State/County	NPS
Total flight Hours	36.1	57.6	27.3	0
Project Flight Hours	2.5	0	0	0
Off Unit Flight Hours	12.5	27.3	0	0
On Unit Flight Hours	48.1	30.3	27.3	0





## Weather

Temperatures were above average and hit records during the 2017 fire season. May saw high pressure dominating the region producing isolated thunder storms and hot and dry conditions with record high temperatures. The hot and dry weather pattern continued into June with isolated showers and thunderstorms. Temperatures remained high in June with record high days. July brought monsoonal conditions to the area bringing isolated and scattered thunderstorms and showers. Temperatures remained high throughout the month of July and flash floods were a threat. August brought above normal temperatures with normal precipitation. September and October remained warm and dry. Precipitation for the 2017 fire season was average.

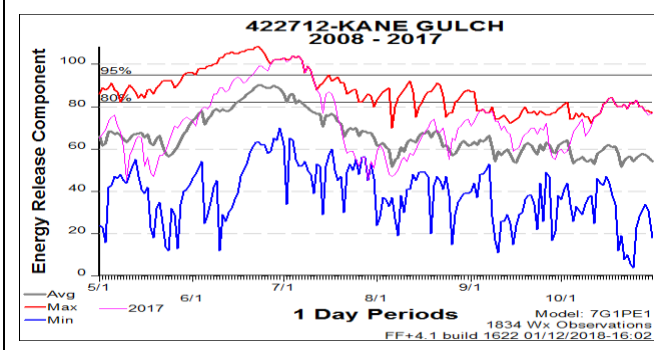
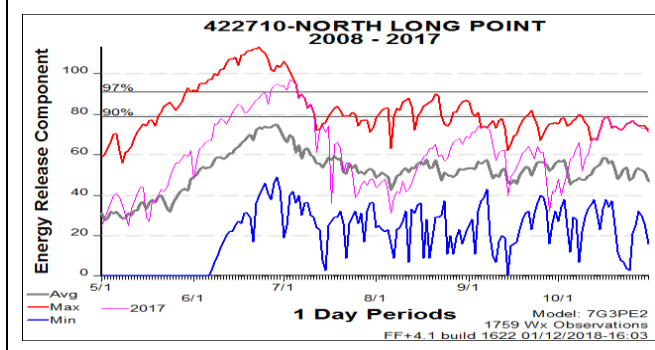
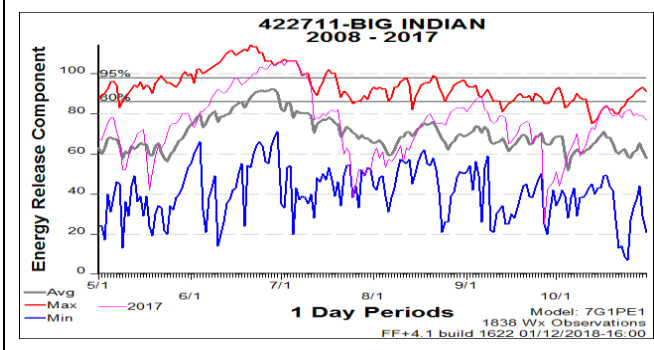
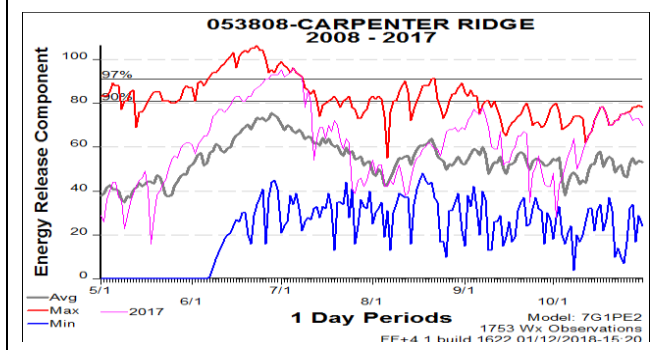
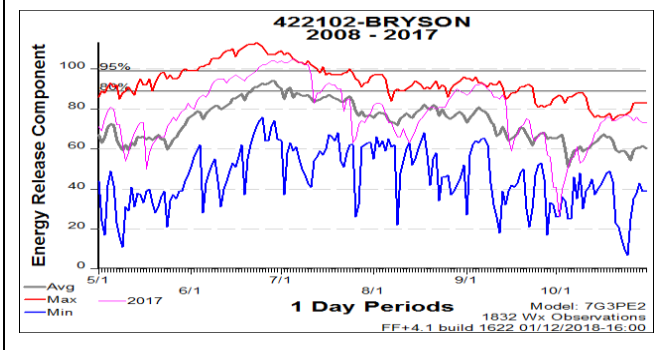
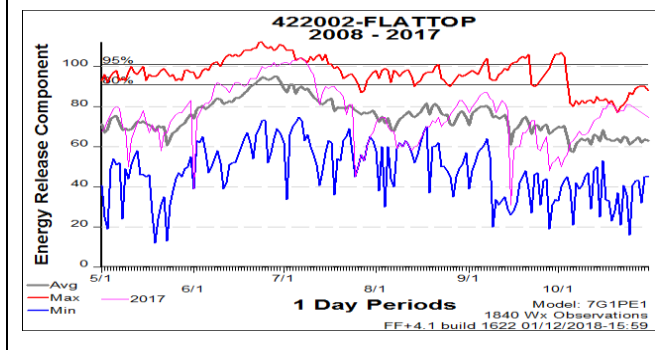
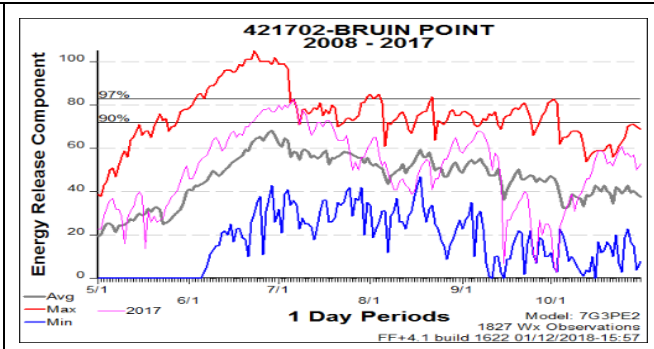
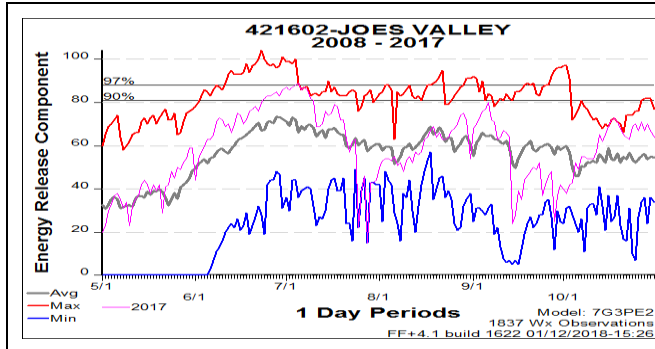




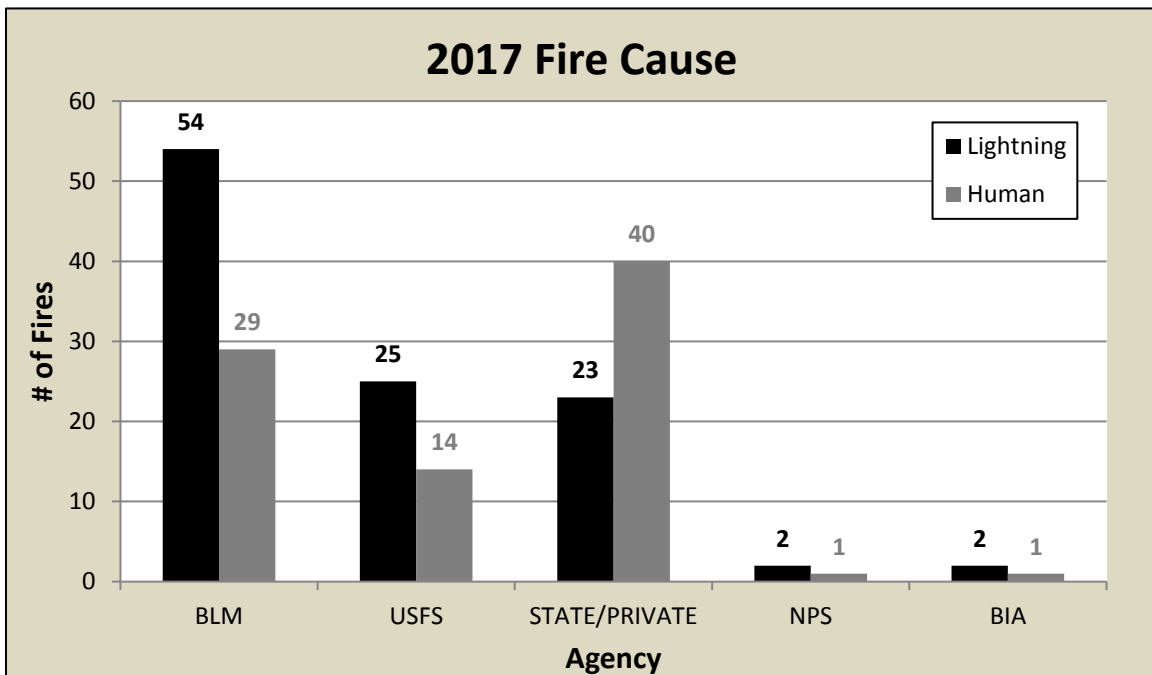
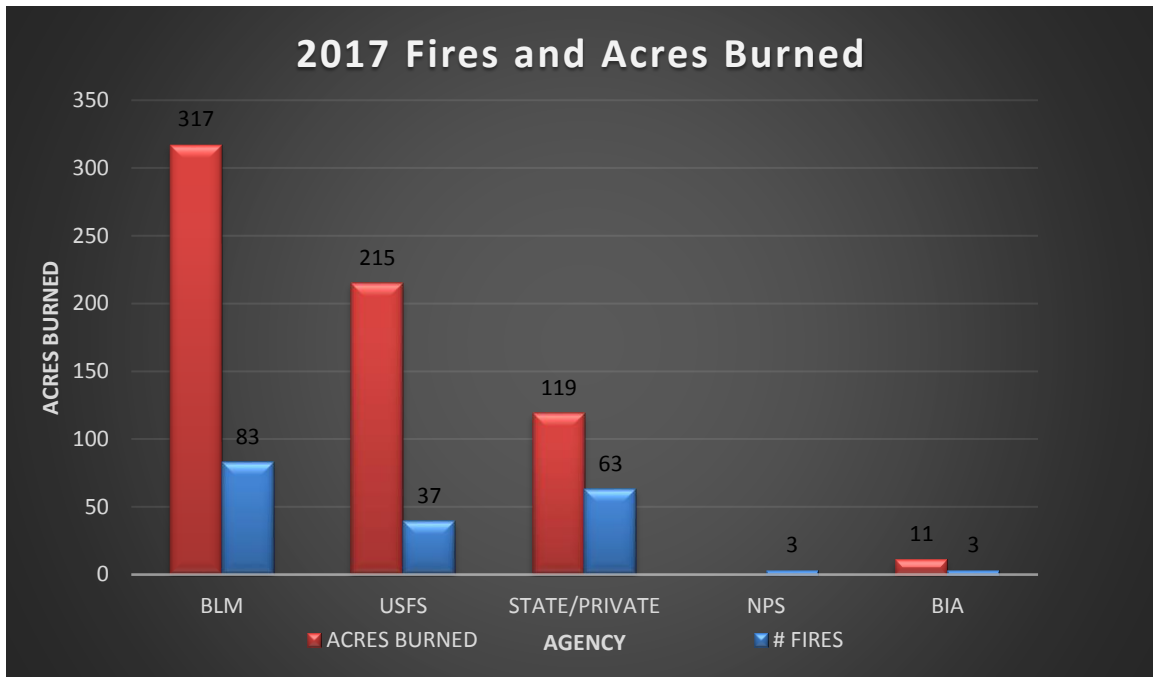
Dilly Canyon Fire 2017

## **Fuels and Fire Danger**

ERC values peaked at the end of June, first part of July at most of the RAWS stations and dropped across the board between August and September. The first part of October saw record high ERC values for most of the RAWS stations.



## Fire Statistics

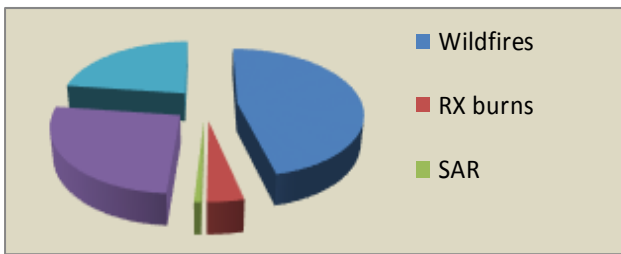






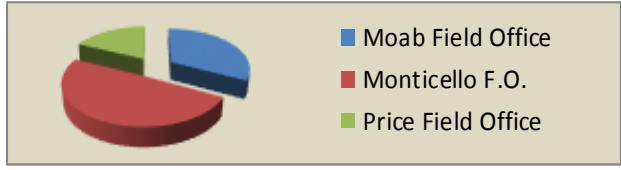
Castleton Fire 2017

<b>TOTAL INCIDENTS</b>	
Wildfires	188
RX burns	16
SAR	3
Resource Order	106
F.A.	93
<b>TOTAL:</b>	<b>406</b>

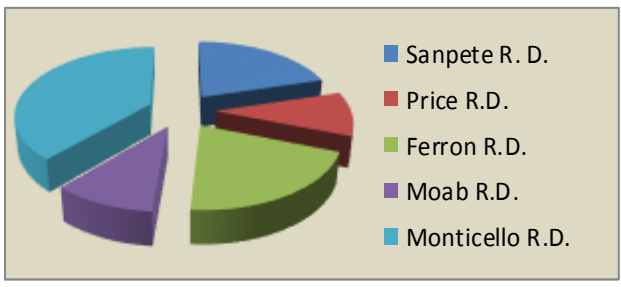


**2017 FIRES BY UNIT**

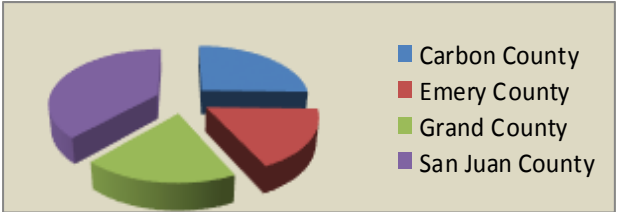
<b>Canyon Country BLM</b>	
Moab Field Office	27
Monticello F.O.	41
Price Field Office	15
<b>TOTAL:</b>	<b>83</b>



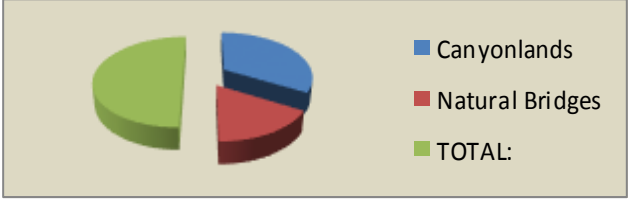
<b>Manti LaSal N.F.</b>	
Sanpete R. D.	8
Price R.D.	4
Ferron R.D.	8
Moab R.D.	4
Monticello R.D.	15
<b>TOTAL:</b>	<b>37</b>



<b>Southeast Utah State</b>	
Carbon County	16
Emery County	11
Grand County	12
San Juan County	24
<b>TOTAL:</b>	<b>63</b>



<b>National Park Service</b>	
Canyonlands	2
Natural Bridges	1
<b>TOTAL:</b>	<b>3</b>



## Red Rock Regulars Hand Crew



The Red Rock Regulars Type 2 Initial Attack Hand Crew completed 6 Preposition Orders, 6 assignments to 12 fires for a total of 69 days. 87 different firefighters filled positions on the crew.



Buck Canyon Overlook Canyonlands N.P.

**2017 MIFC SUMMARY YEAR-TO-DATE REQUEST TRANSACTIONS IN ROSS**

Actions "From" Selected Dispatch Organization by Catalog

From Organization Name: Moab Interagency Fire Center

Req Name	Catalog	Enter*	Delete	Place*	Retrieve*	Fill*	Unfill	Reassign	Release	Cancel	Cancel UTF	UTF
Aircraft		85	2	45	8	51	1	17	67	8	1	1
Crew		8	0	8	0	13	1	5	5	1	0	1
Equipment		21	0	14	1	28	0	2	20	0	0	13
Overhead		549	1	67	8	649	9	189	300	7	5	58
Supply		480	25	142	20	320	0	0	19	10	11	0
Summary		1,143	28	276	37	1,744	11	213	411	26	17	73



OFF DISTRICT REQUESTS FILLED BY MIFC RESOURCES

Position	Filled	Position	Filled	Position	Filled	Position	Filled	Position	Filled
ACDP	1	FAL1	17	ENOP	1	PREV	1	Type2 IA Crew	6
ACDP(T)	1	FAL2	11	IADP	7	READ	3	Type 3 Heli	23
AERO	1	FAL3	1	IADP(T)	4	SEAT	1	Type 3 Eng	6
ATGS	5	FDUL	2	ICT3	2	SEC1	1	Type 4 Eng	2
ASGS	6	FFT1	76	ICT3(T)	2	SEC2	5	Type 6 Eng	6
ASGS(T)	1	FBAN(T)	1	ICT4	2	SEC2(T)	0	WF Module	4
BCMG(T)	1	FFT2	154	INTSS(T)	5	SITL	3	WT Tactical,T2	
COST(T)	1	FOBS	1	ICT5	27	SEMG(T)	1	RXB2	1
CRWB	41	FIRB	4	INTS(T)	1	SOF2	8	SQUAD	1
CRWB(T)	19	GISS	6	LOFR(T)	1	SOF2(T)	4	AADM	1
DIVS	11	GSUL	1	LIOF	3	SOFR	17	BCMG	1
DIVS(T)	2	PIO	2	PIO2	3	SCKN(T)	1	COST	1
EDRC(T)	0	HECM	92	ORDM(T)	1	SPUL	0	DRIV	3
EDSD(T)	1	HECM(T)	37	OSC2(T)	1	STEN	1	CORD	1
EMTB	1	HEQB	0	PIO2(T)	3	TFLD	11	EDSD	3
ENGB	23	HEQB(T)	0	ORDM	1	TFLD(T)	0	ITSS	4
ENGB(T)	11	HMGB	20	PTRC	6	THSP	2	RXB2(T)	4
EQTR	1	HMGB(T)	4	PIOF(T)	1	THSP(T)	0	RADO	4
EQTR(T)	2	HMGB(T)	0	PTRC(T)	1	TIME		DOZER T2	1
Fuel Tender T3	3	Hand Wash Station	1	Potable Water Tender T2	1				

### 10-YEAR AVERAGE FIRE OCCURRENCE

YEAR	USFS	BLM	NPS	SES/PRI	BIA	TOTAL
2008	36	91	7	57	0	191
2009	53	115	8	51	1	228
2010	45	90	6	33	1	175
2011	45	102	5	69	1	222
2012	65	118	0	88	0	271
2013	48	115	5	79	0	247
2014	48	75	2	55	0	180
2015	28	50	2	45	0	125
2016	37	80	4	72	1	194
2017	37	83	3	63	3	189
<b>Total</b>	442	919	42	612	7	2022
10-YR AV	44.2	91.9	4.2	61.2	0.7	202.2
% OF TOTAL	21.86%	45.45%	2.08%	30.27%	0.35%	100.00%

### 10-YEAR AVERAGE FIRE ACRES BY YEAR

YEAR	USFS	BLM	NPS	SES/PRI	BIA	TOTAL
2008	3,391.3	323.5	127.4	746.4	0.0	4,588.5
2009	5,153.5	1,820.7	1.0	1,171.2	0.0	8,146.4
2010	1,982.0	169.0	0.6	31.0	0.0	2,182.6
2011	455.0	561.0	0.5	128.0	0.1	1,144.6
2012	44,269.0	3,205.4	0.0	7,619.0	0.0	55,093.4
2013	1706.5	218.9	4	270	0	2199.4
2014	28	477	0.2	28	0	533.2
2015	117.32	20.11	0.2	168.26	0	305.89
2016	4953.5	76.56	36.3	89.41	0.3	5156.07
2017	215.79	317.7	0.3	119.18	11.6	664.57
<b>Total</b>	62,271.9	7,189.9	170.5	10,370.4	12.0	80,014.6
10-YR AV	6,227.2	719.0	17.1	1,037.0	1.20	8,001.5
% OF TOTAL	77.83%	8.99%	0.21%	12.96%	0.01%	100.00%

USDA-Forest Service		<b>UNIT</b>	
<b>PERSONNEL EMPLOYED ON WILDFIRE PRESUPPRESSION AND SUPPRESSION ACTIVITIES</b>		Manti LaSal National Forest	
		CALENDAR YEAR 2017	
<p><b>INSTRUCTIONS:</b> 1. Data for items 1a, 1b, and 2b should be taken from planning and budget records in the Supervisor's Office.</p> <p>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.</p> <p>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.</p>			
ITEM NO.	ITEM	NUMBER	
		SUB-TOTAL	TOTAL
1.	Regular appointed personnel		
	a. Full-time fire management ( <i>20 pay periods or more</i> )	7	
	b. Part-time fire management	34	
	c. Others used on presuppression sometime during year		
	d. Others used on suppression ( <i>exclude those reported under a, b, or c</i> )	9	
	e. Total ( <i>a + b + c + d</i> )		50
2.	Seasonal or short-term personnel	40	
	a. Regular fire control ( <i>crews, firefighters, patrol, lookouts, etc.</i> )		
	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> )		
	d. Total ( <i>a + b + c</i> )		60
3.	Total number of casuals employed on fire suppression ( <i>Each reemployment counts as an employment</i> )		3
4.	Number of casuals ( <i>included in Item 3</i> ) employed for first time ( <i>Ranger's estimate is adequate</i> )	3	
5.	GRAND TOTAL ( <i>1e + 2d + 3</i> )		113
SUBMITTED BY ( <i>Signature</i> )			
_____			

**OWNERSHIP ACRES**

<b>BLM</b>	<b>6,121,338.7</b>
<b>DOD</b>	<b>2,535.7</b>
<b>DOE</b>	<b>42.4</b>
<b>NPS</b>	<b>415,697.1</b>
<b>PRIVATE</b>	<b>1,129,287.0</b>
<b>SITLA (UTAH SCHOOL TRUST LANDS)</b>	<b>1,030,498.3</b>
<b>SL&amp;F (UTAH FF&amp;SL)</b>	<b>18,641.3</b>
<b>TRIBAL</b>	<b>9,080.7</b>
<b>UDOT</b>	<b>1,264.2</b>
<b>UDWR (UTAH DIV. OF WILDLIFE RESOURCES)</b>	<b>38,572.9</b>
<b>USFS</b>	<b>1,337,487.1</b>
<b>USP (UTAH STATE PARKS)</b>	<b>11,778.2</b>
<b>TOTAL</b>	<b>10,116,223.6</b>