

ROCKY MOUNTAIN AREA And COORDINATION CENTER



2016 ANNUAL ACTIVITY REPORT



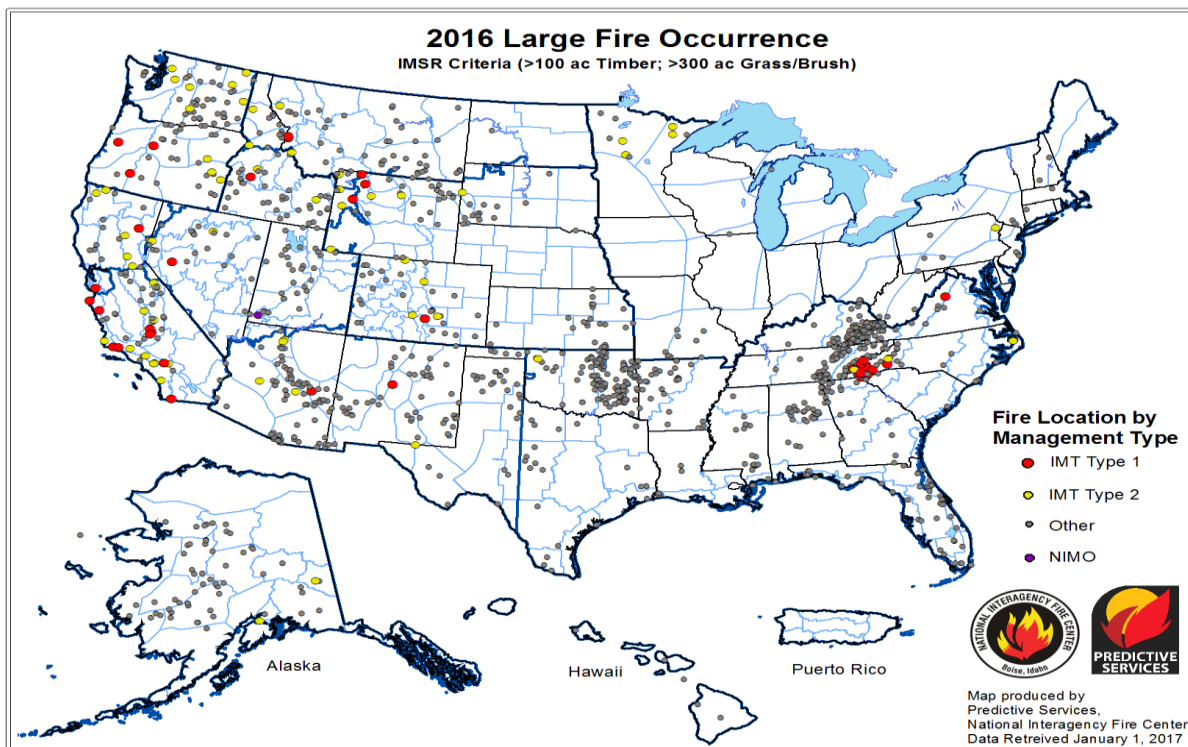
July 15th, 2016 on the Beaver Creek Fire near Kremmling, Colorado. Photo by Rocco Smart



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Preface

Statistics used in the RMA report are gathered from the Fire and Aviation Management Web Applications (FAMWEB) system, <https://fam.nwcg.gov/fam-web/> which includes the Situation Report and Incident Status Summary (ICS-209) programs. Other sources also used in this document are Previous Rocky Mountain Area Coordination Center (RMACC) annual reports and unit dispatch center annual reports thru the use of agency specific local fire reports. The statistics given are intended to provide a Rocky Mountain Area wide perspective of annual fire activity, but may not reflect official figures for a specific agency or represented dispatch office. Resource mobilization statistics used in this report were gathered from the Resource Order Ordering and Status System (ROSS) thru the use of the Cognos reporting application, which tracks tactical, logistical, service and support resources mobilized by the Rocky Mountain and National incident dispatch coordination system. For agency-specific details or official numbers contact the individual agency or represented dispatch office.



Four Rocky Mountain Area Coordination Center (RMACC) Public Information Officer (PIO) staffed 127 fires in 2016, either by NTE Temp Promotion, Details or fire hire. Other RMACC Agency PIOs were invited to sit in on the daily briefing, ops and tactical call then given a tour of the area. PIOs assisted IMTs and agencies on wildland fires as well as a few prescribed burns. Daily incident updates were completed and distributed to all agencies and other personnel. Significant time was spent assisting PIOs to receive [InciWeb](#) access and instructions, as well as to help develop shared message partnership tools, talking points and key incident messages. Three products were completed for the RMACC, a white paper for a media wall and unified identity standards.

Additionally, specific PIO standardized instructions were developed regarding how to properly plan, coordinate, and conduct a media tour of the [Jefferson County Airtanker Base](#), including all required permissions and notifications. Weekly PIO teleconference calls were held to help support PIOs working on teams and all assigned to fires with goals to facilitate learning from each other, sharing "head's up" and best practices and hot topics. We also provided assistance to three requests from the Washington Fire Desk as well as assisting a professional videographer to get footage of R2 fires. Two prevention education teams were stood up to assist areas in the Geographic Area experiencing extreme wildfire conditions, and the PIO supported these efforts. A successful, hosted media day was conducted at the Guernsey, WY. Staging Center with subsequent, broad-based, positive coverage. Two tours to the Cache were arranged and supported. The RMACC PIO assisted in the Arvada summer celebration team, including walking with the Fire engine and acting as Smokey Bear's handler.

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SEASONAL NARRATIVE

The onset of the 2016 fire season had low to moderate fire danger thanks to a moisture-laden spring with a snowpack that was slightly above average in most of the Rocky Mountain Area river basins. Precipitation and fuel conditions led to slow fire spread, low intensity and relatively easy control incidents. By June, heavy fuel loads and increasingly hot and dry weather as fire intensity led to a more active fire season since 2013. The number of fires in 2016 was 17% above the 10 year average (2006 - 2015) and the number of acres burned in the RMA during 2016 was 32% above the 10 year average. Overall, the RMA experienced an above average fire season in 2016 for number of fires and acres burned

The RMA had 16,666 fires that burned 869,136 acres. 132 significant fires were reported (ICS-209) in the RMA that burned 348,925 acres. 4 Type 1 (IMTs), seven Type 2 (IMTs) and three NIMOs were assigned to incidents in the RMA for 2016. Crews and overhead responded to several out-of-area assignments including Arizona, Idaho, the Upper Great Lakes Region and California. The RMA Multi Agency Coordinating (MAC) Group, which sets large fire priorities and makes key decisions about allocating the use of critical resources for the RMA, was never activated. The RMA reached preparedness level 3 for forty-four days during the months of July thru late September. The RMA never reached PL 4-5 in 2016.

Precipitation during late winter 2016 was above average overall east of the divide across the RMA, and below average over western portions of Colorado and Wyoming. Snowpack deficits were notable primarily over portions of north-central Wyoming. During the spring period a wetter pattern developed, although significant snowpack deficits developed over the Black Hills of South Dakota due in part to above normal temperatures. By late spring wet and cool conditions persisted, with the exception of drier than average conditions over the far northern portion of the RMA.

Drier and warmer conditions occurred in June with above average temperatures, especially in the north, with precipitation deficits most notable west of the continental divide. Intensifying drought emerged across northeast Wyoming and western South Dakota with "severe" indices (National Drought Mitigation Center). For July, eastern portions of the RMA experienced warmer than average temperatures, while below average rainfall was mainly from central to southwest Wyoming. Drought indices increased with "Extreme" values from northeast Wyoming into northwest South Dakota (National Drought Mitigation Center). From August through October below average precipitation expanded from northwest Colorado through southwest Wyoming, with long range deficits (90 days) of less than 50% of average.

By November, in addition to warmer than average temperatures east of the continental divide, the greatest precipitation deficits evolved over the southern Colorado front range with less than 25% of average, and 90 day deficits of less than 50% of average. Precipitation deficit trends continued in December across the southeast corner of Colorado into southwest and southeast Kansas with less than 50%-25% of average

The RMA's first incident as reported on the ICS-209 to the Rocky Mountain Area Coordination Center (RMACC) was on January 29th. The Impact Area Fire on Fort Carson US Army base, southern front-range of Colorado was a common fire this time of year, strong prefrontal conditions east of the divide. These fires are a wind driven head fire in tall grass with stringers of woody fuels making suppression efforts challenging. The 6,636 acre fire was the largest of four fires reported in 2016 by Fort Carson Military Reservation. The state of Colorado contributed to the majority of the fires and acres for the RMA in 2016. The largest was the 163-day Beaver Creek Fire, NW of Walden Colorado that started on June 19 and was not declared controlled until Nov. 29. It burned more than 38,000 acres of private, federal, county and state lands in Colorado and Wyoming. As the fire burned within high density beetle-killed lodge-pole stands, IMT leaders were continuously challenged by incident objectives, firefighting strategies and the long-term outlook.

On June 24th RMA Greer IMT2 was mobilized to the lightning caused Crow Peak Fire west of Spearfish, SD on the Black Hills NF. Keeping firefighters safe within rugged terrain, falling trees and rolling debris, multiple burnout operations were strategically implemented, making this incident a successful mission. A long term recovery and restoration phase was applied as the fire burned hotter in some areas leaving behind a mosaic landscape. Wyoming remained extremely active thru September with 7 IMTs mobilizations and over 280,000 acres burned across several agency jurisdictions under various management's strategies. Many fires burned in areas of heavy conifer mortality, steep terrain with extreme fire behavior. The last fire reported by Wyoming was the Snake fire near the Colorado Wyoming border on September 22nd.

2016 witnessed the largest fire in Canadian history, the Fort McMurray Fire in May, which burned over 1.4 million acres in Alberta. It also saw the most expensive fire in U.S history with the Soberanes Fire which lasted 12 weeks as cost exceeded 250 million dollars. As the state of Wyoming experienced elevated fire activity in 2016, Yellowstone National Park had its most active fire year since 1988 in terms of acres burned.

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INTERAGENCY FIRE STATISTICS: 2016 WILDLAND FIRE ACTIVITY BY CAUSE

The following table shows, by cause, the number of fires and acres burned for each of the agencies within the RMA. Federal and Non-federal are listed individually, and within each Federal agency the fire and acres are further broken down by the state in which the federal fire occurred. What this means is that a fire that occurred on BIA land in Colorado will **only** be listed in the BIA-CO row below; it will **not** be included in the States-CO row. The State figures represent all Non-federal fires and acres in the respective states as reported to the USFS Regional Office's State and Private Forestry staff.

Agency	State	HUMAN		LIGHTNING		WFU*		TOTAL	
		Fires	Acres	Fires	Acres	Fires	Acres	Fires	Acres
BIA	CO	11	4	81	265			92	269
	KS	20	644	2	1			22	645
	ND+	152	797	3	0			155	797
	NE	6	102	0	0			6	102
	SD*	463	4,947	55	19,970			518	24,917
	WY	71	142	3	580			74	722
Total		723	6,636	144	20,816			867	27,452
BLM	CO	78	14,186	253	3,363			331	17,549
	SD	0	0	1	890			1	890
	WY	44	7,886	77	7,074			121	14,960
Total		122	22,072	331	11,327			453	33,399
FWS	CO	3	134	1	0			4	134
	KS	2	83	0	0			2	83
	ND+	0	0	0	0			0	0
	NE	1	55	1	259			2	314
	SD+	0	0	0	0			0	0
	WY	0	0	0	0			0	0
Total		6	272	2	259			8	531
NPS	CO	9	2	12	713			21	715
	KS	0	76	0	0			0	76
	MT*	0	757	1	0			1	757
	NE	0	0	0	0			0	0
	SD	0	316	1	0			1	316
	WY	0	0	0	0			0	0
Total		9	1,151	14	713			23	1,864
USFS	CO	171	20,588	160	25,376			331	45,964
	KS	1	293	1	1			2	294
	NE	6	19,078	22	4,428			28	23,506
	SD	39	1,542	84	2,462			123	4,004
	WY	36	3,897	44	21,314			80	25,211
Total		253	45,398	311	53,581			564	98,979
States	CO	4,471	37,118	312	4,994			4,783	42,112
	KS	7,798	312,148	109	912			7,907	313,060
	NE	620	21,518	61	1,070			681	22,588
	SD	538	53,222	153	18,990			691	72,212
	WY	461	131,884	211	109,275			672	241,159
Total		13,888	555,890	846	135,241			14,734	691,131
Other									
DOD	CO	10	15,774	0	0			10	15,774
BOR**	WY	7	6	0	0			7	6
Total		17	15,780	0	0			17	15,780
RMA TOTAL		15,018	647,199	1,648	221,937			16,666	869,136

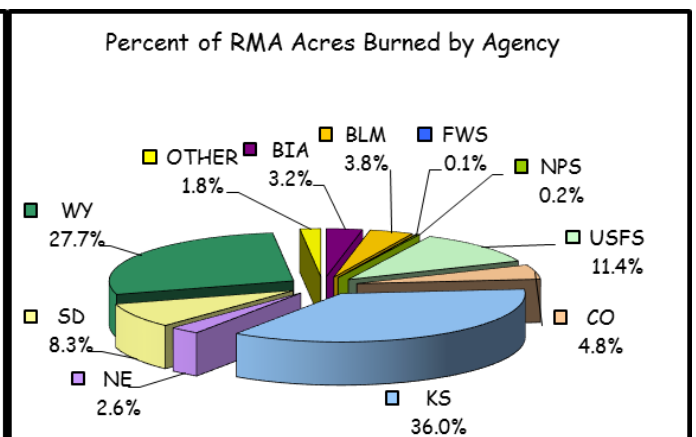
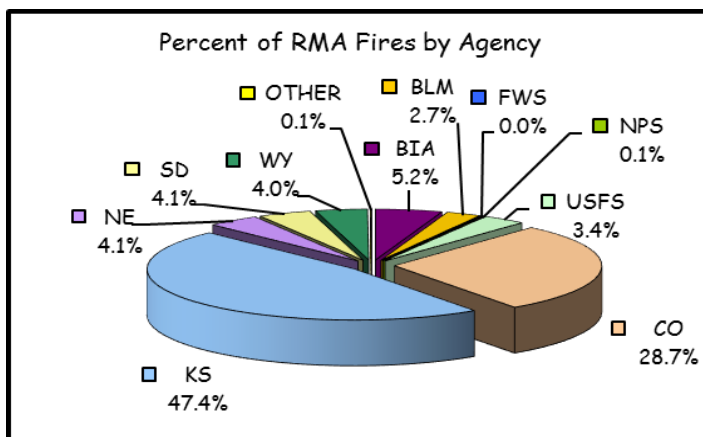
One BIA unit stretches from SD to ND and in this report, except for large fire information; fire figures are included in BIA SD numbers. There are also 2 FWS refuges that are located in ND with Bighorn Canyon NRA expanding from N. WY into MT (MT-BIP) are the responsibility of the RMA. Again, except for large fire information, in this report the numbers for these 3 units are included in FWS SD and NPS MT figures. **2016 Other Column: Bureau of Reclamation WY-WAAL

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2016 WILDLAND FIRE ACTIVITY BY CAUSE and BY INDIVIDUAL AGENCY WITHIN THE RMA

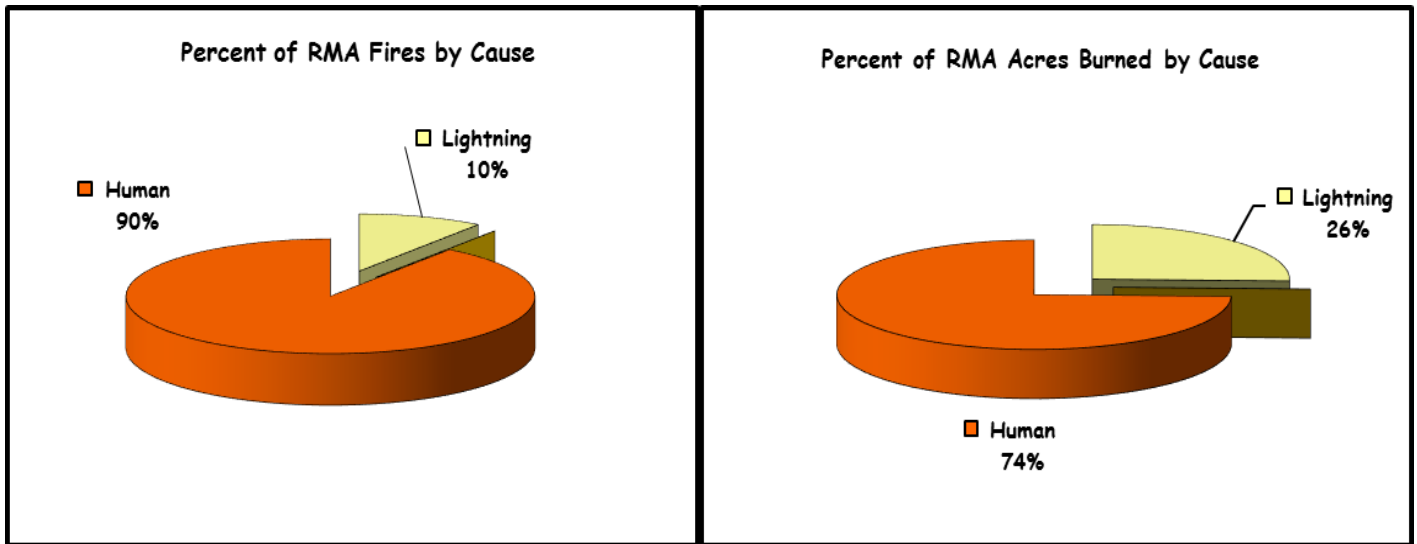
The following table shows, by cause, the number of fires and acres burned for each of the agencies within the RMA. Federal and Non-federal fires and acres are listed individually. What this means is that a fire that occurred on BIA land in Colorado will **only** be represented in the BIA row below; it will **not** be included in the Colorado row. The State figures represent all Non-federal fires and acres in the respective state as reported to the USFS Regional Office's State and Private Forestry staff.

Agency Type	Agency	HUMAN		LIGHTNING		WFU*		TOTAL	
		Fires	Acres	Fires	Acres	Fires	Acres	Fires	Acres
FEDERAL	BIA	723	6,636	144	20,816	0	0	867	27,452
	BLM	122	22,072	331	11,327	0	0	453	33,399
	FWS	6	272	2	259	0	0	8	531
	NPS	9	1,151	14	713	0	0	23	1,864
	USFS	253	45,398	311	53,581	0	0	564	98,979
STATE	CO	4,471	37,118	312	4,994	0	0	4,783	42,112
	KS	7,798	312,148	109	912	0	0	7,907	313,060
	NE	620	21,518	61	1,070	0	0	681	22,588
	SD	538	53,222	153	18,990	0	0	691	72,212
	WY	461	131,884	211	109,275	0	0	672	241,159
OTHER [‡]	OTHER	17	15,780	0	0	0	0	17	15,780
RMA TOTAL		15,018	647,199	1,648	221,937	0	0	16,666	869,136

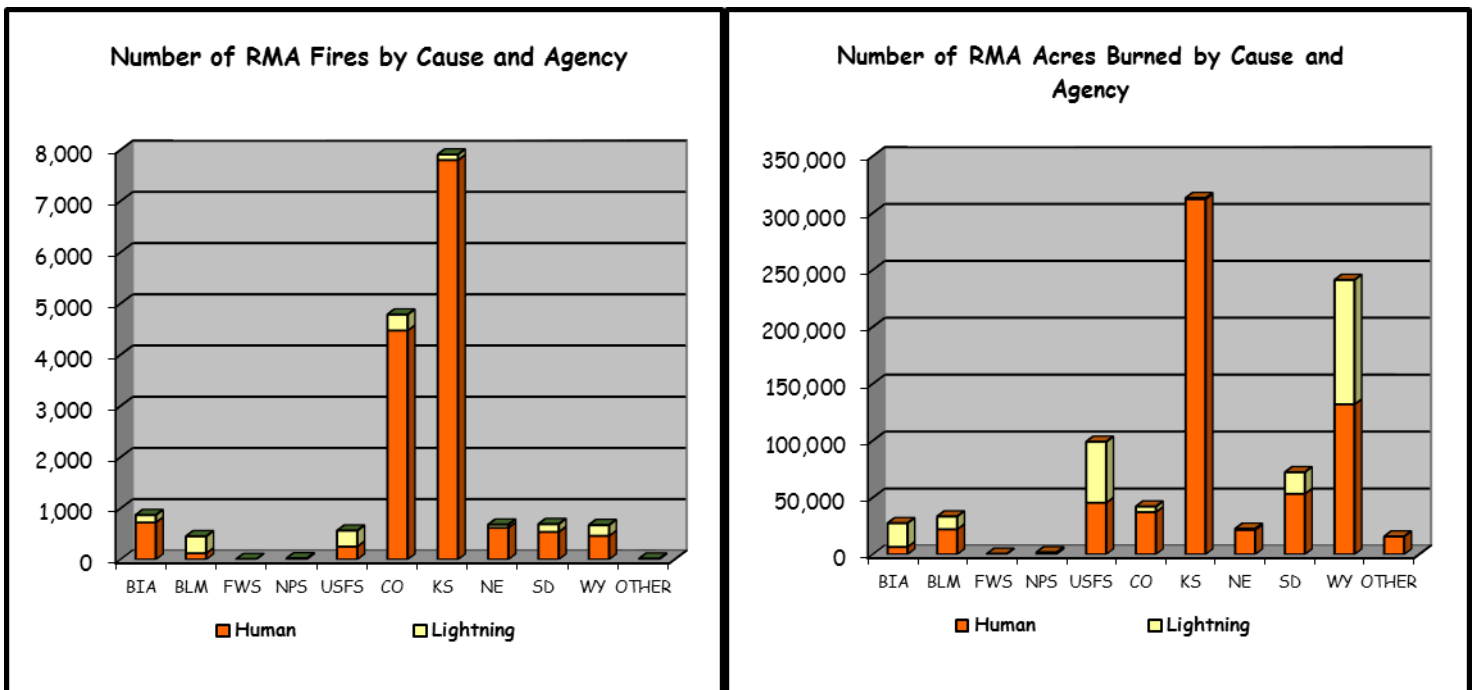


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2016 WILDLAND FIRE ACTIVITY BY CAUSE and BY CAUSE WITHIN EACH RMA AGENCY

The two following pie charts illustrate, by cause, the percentage of fires and the percentage of acres burned within the entire RMA. The pie charts include both Federal and Non-federal fires and acres in the cause percentages.



The two following bar graphs illustrate, by cause, the number of fires and acres burned for each of the agencies within the RMA. Federal and Non-federal fires and acres are represented individually. What this means is that a fire that occurred on BIA land in Colorado will **only** be represented in the BIA bar below; it will **not** be included in the Colorado bar. The State fires and acres represent all Non-federal fires and acres in the respective state as reported to the USFS Regional Office's State and Private Forestry staff.



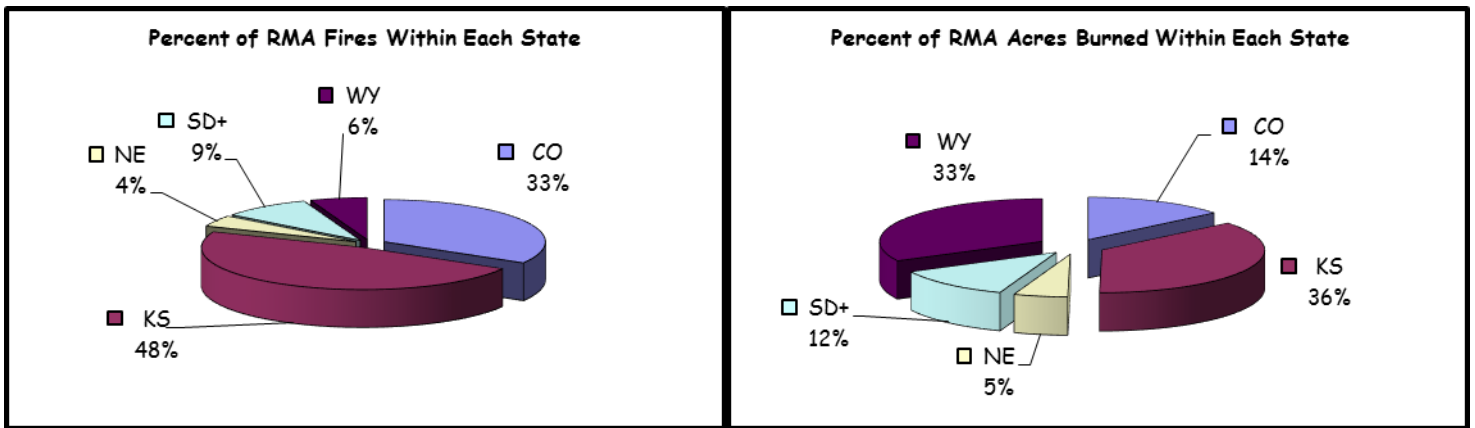
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**2016 WILDLAND FIRE ACTIVITY BY CAUSE
COMBINING FEDERAL AND NON-FEDERAL AGENCIES WITHIN EACH STATE**

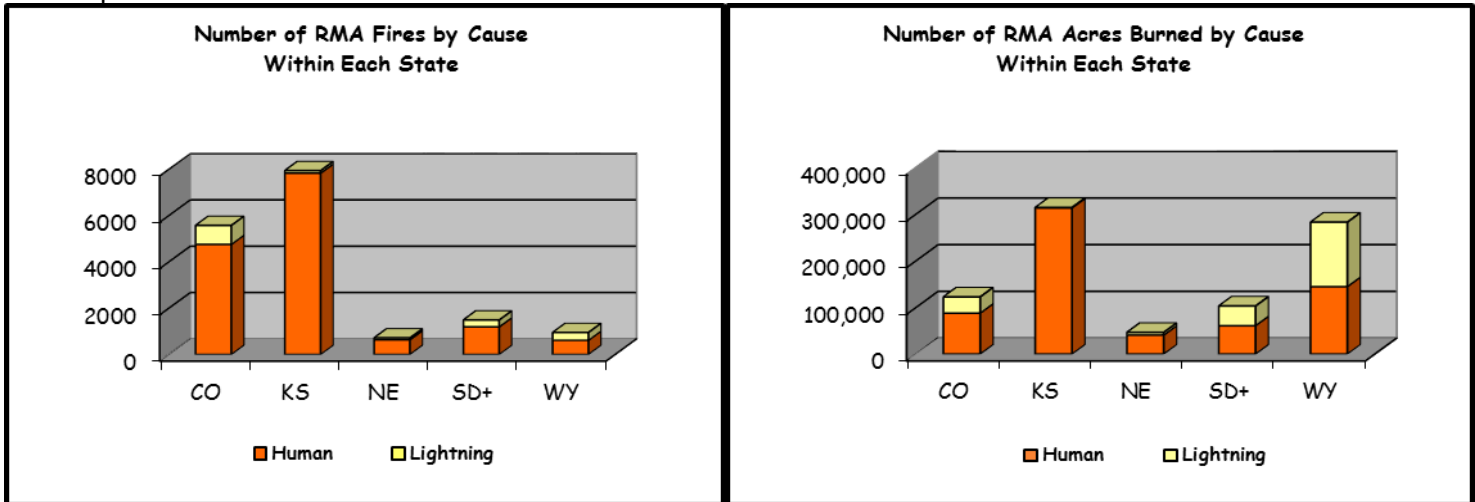
The following table shows, by cause, the number of fires and acres burned within each of the five states of the RMA. Both Federal and Non-federal fires and acres are included in state totals.

State	HUMAN		LIGHTNING		WFU*		TOTAL	
	Fires	Acres	Fires	Acres	Fires	Acres	Fires	Acres
CO	4,753	87,806	819	34,711	0	0	5,572	122,517
KS	7,828	313,250	112	914	0	0	7,940	314,164
NE	633	40,753	84	5,757	0	0	717	46,510
SD*	1,192	60,824	297	42,312	0	0	1,489	103,136
WY	612	144,566	336	138,243	0	0	948	282,809
RMA TOTAL	15,018	647,199	1,648	221,937	0	0	16,666	869,136

The two following pie charts illustrate the percentage of fires and percentage of acreage burned within each of the five states that comprise the RMA. Both Federal and Non-federal fires and acres are included in state percentages.



The two following bar graphs illustrate, by cause, the number of fires and acres burned within each of the five states that comprise the RMA. Both Federal and Non-federal fires and acres are included in state totals.



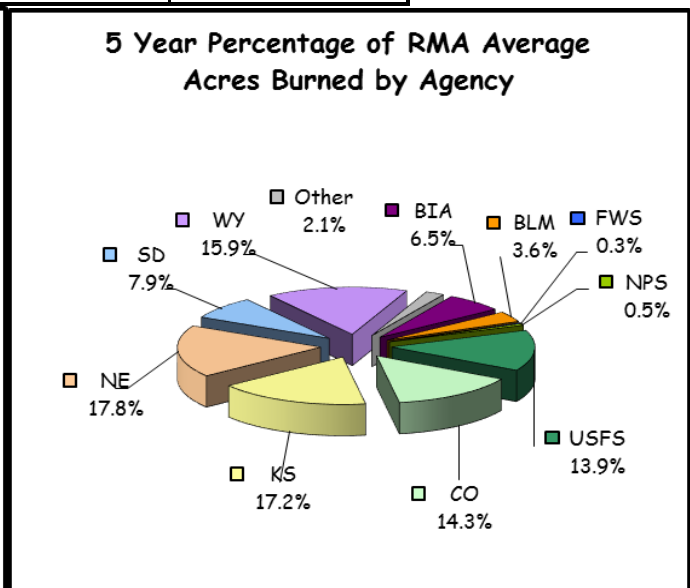
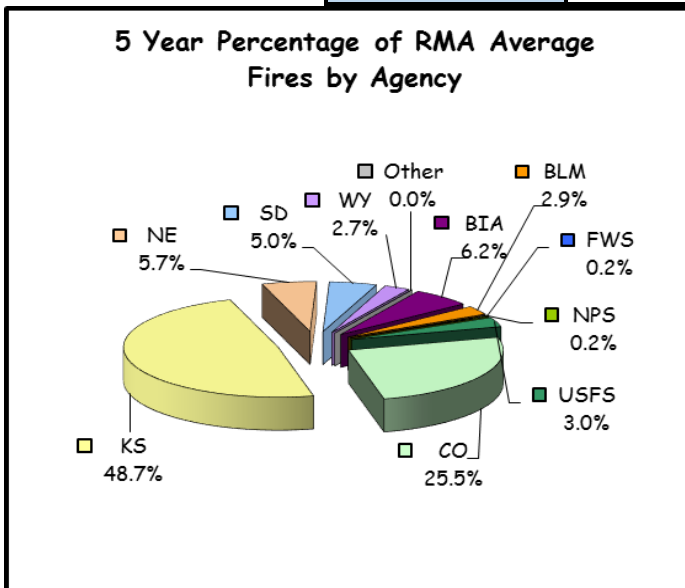
*One BIA unit stretches from SD to ND and in this report, except for large fire information; fire figures are included in BIA SD numbers. There are also 2 FWS refuges that are located in ND with Bighorn Canyon NRA expanding from N. WY into MT are the responsibility of the RMA. Yet again, except for large fire information, in this report the numbers for these 3 units are included in FWS SD and NPS MT figures.

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5 YEAR RMA AVERAGES BY AGENCY (2011 - 2015)

The following table shows the average number of fires and acres burned for each of the agencies within the RMA over the past 5 years, **not including the 2016 data**. The pie charts below the table show the 5 year average percentages of fires and acres burned by agency. Federal and Non-federal fires and acres are listed individually. What this means is that a fire that occurred on BIA land in Colorado will **only** be represented in the BIA row and pie slice below; it will **not** be included in the Colorado row or pie slice. The State figures represent all Non-federal fires and acres in the respective state as reported to the USFS Regional Office's State and Private Forestry staff. See the Appendix for a breakdown of the last 10 years of RMA fire statistics by individual year and agency.

Agency	5 Yr Avg Fires	5 Yr Avg Acres
BIA	954	45,041
BLM	441	24,714
FWS	28	1,850
NPS	36	3,591
USFS	470	95,919
CO	3,930	98,025
KS	7,504	118,210
NE	877	122,489
SD	766	54,010
WY	413	109,449
Other	5	14,586
RMA 5 Yr AVG	15,424	687,883

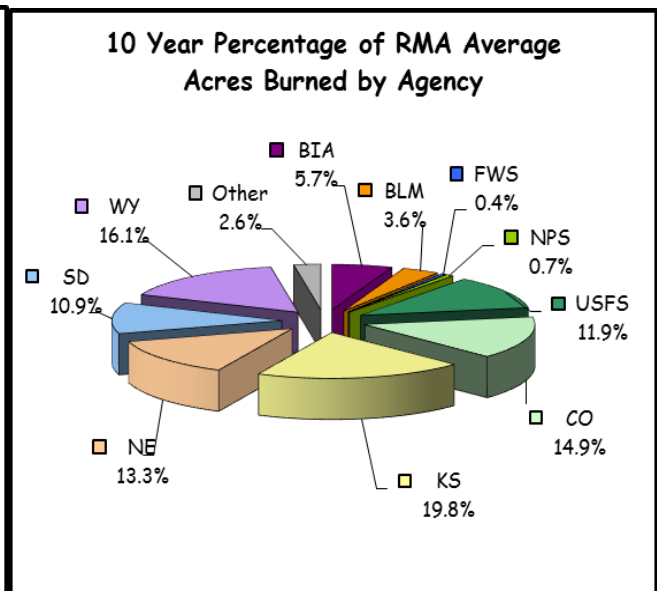
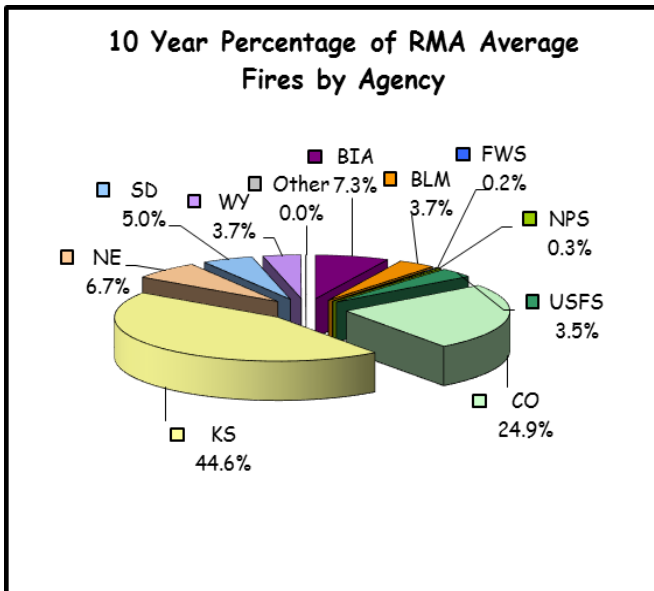


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10 YEAR RMA AVERAGES BY AGENCY (2006 - 2015)

The following table shows the average number of fires and acres burned for each of the agencies within the RMA over the past 10 years, not including the 2016 data. The pie charts below the table show the 10 year average percentages of fires and acres burned by agency. Federal and Non-federal fires and acres are listed individually. What this means is that a fire that occurred on BIA land in Colorado will **only** be represented in the BIA row and pie slice below; it will **not** be included in the Colorado row or pie slice. The State figures represent all Non-federal fires and acres in the respective state as reported to the USFS Regional Office's State and Private Forestry staff. See the Appendix for a breakdown of the last 10 years of RMA fire statistics by individual year and agency.

Agency	10 Yr Avg Fires	10 Yr Avg Acres
BIA	1,009	34,343
BLM	516	21,292
FWS	30	2,655
NPS	40	4,070
USFS	480	71,020
CO	3,448	89,314
KS	6,167	118,499
NE	931	79,702
SD	699	65,357
WY	517	96,275
Other	6	15,314
RMA 10 Yr AVG	13,842	597,841



RMA LARGE INCIDENT SUMMARY BY MONTH FOR 2016

The following table shows by start date all large fires that were reported and submitted as final electronically in the ICS-209 system. A large fire is defined as 100 acres or more in timber fuel types, 300 acres or more in grass fuel types, or a fire that has a Type 1 or Type 2 IMT assigned. The "Unit" and "Agency" listed in the table are not necessarily the only unit or agency that was affected by the incident; what is listed is typically the jurisdictional agency for the incident. In the "Kind" column, WF=Full Suppression/Perimeter Control, MCC=Monitor/Confine/Contain and PZL=Point or Zone Protection/Limited Perimeter Control. In the "Cause" column, H=Human caused, L= Lightning caused, N=Natural, U=Undetermined. The acres shown are the acres reported on the last electronic ICS 209 submitted and are not necessarily the official acres for that incident. In the same vein, the number of structures shown as destroyed is the number reported on the last electronic ICS 209 and is not necessarily the official number of structures destroyed by that incident. The "Structures Destroyed" column includes residences, commercial buildings and outbuildings. A Type is listed in the "IMT Type" column only if a Type 1 IMT, Type 2 IMT, AC or NIMO was assigned.

There were Twenty- seven incidents in 2016 that did not meet the large fire criteria for which ICS-209s were completed. These incidents and are highlighted in "green" in the table below. Single fires that became part of a complex are not counted in the acre totals. These incidents are highlighted in "orange" in the table below.

Start Date	1st Day as a Large Fire	Incident Name	State	Unit	Agency	Kind	Cause	Acres	Structures Destroyed	IMT Type	Incident Commander(s)	Number of Days Listed As IC on the ICS-209
January 29	January 30	Impact area	CO	FCQ	DOD	WF	H	9,636				
								9,636	0			0
February 16	February 17	121st Road	KS	CLX	County	WF	H	300				
February 17	February 29	175 Road	KS	LYX	County	WF	U	1,000	1			
February 17	February 19	Hovespian	KS	CLX	County	WF	H	20	7			
February 18	February 22	Roundtree	KS	PTX	County	WF	H	300				
February 18	February 19	Hemple	KS	MGX	County	WF	H	1,000				
February 18	February 23	900 Road	KS	LNK	County	WF	U	1,000	1			
February 18	February 18	Pumkin Center	CO	LCX	County	WF	U	2,282				
February 19	February 21	Barrett	KS	HMX	County	WF	H	1,000				
February 20	February 21	Sullivan Park	CO	FCQ	DOD	WF	H	1,250				
February 27	March 4	Wizeman	KS	BUX	County	WF	U	2,190	2			
February 27	February 28	Loving Road	KS	LVX	County	WF	H	440				
February 27	February 28	Nighthawk	KS	MNX	County	WF	H	200				
February 27	February 10	1800 and Yancy	KS	LNK	County	WF	H	750				
								11,732	11			0
March 2	March 4	Huerfano	CO	PUX	County	WF	H	300				
March 4	March 5	Freguson Ranch	KS	CLX	County	WF	H	25,650				
March 4	March 5	TA18	CO	FCQ	DOD	WF	H	902				
March 5	March 7	Arroyo	CO	PAX	County	WF	H	47				
March 6	March 16	Wagon Wheel	KS	MNX	County	WF	H	1,200	1			
March 11	March 11	Tabor Rec Area	SD	SDS	State	WF	U	350				
March 11	March 14	Marion Upland Road	KS	MNX	County	WF	H	600				
March 12	March 14	Rourke 2 Fire	WY	BLM	BLM	WF	H	453				
March 17	March 18	MSR 2	CO	FCQ	DOD	WF	H	1,708				
March 17	March 21	Rd 80	KS	LYX	County	WF	H	5,000				
March 17	March 21	1st and Smoky Valley	KS	MPX	County	WF	H	1,020				

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March 23	March 29	Burmac	KS	RNX	County	WF	H	14,000	11			
								51,230	12			0
April 2	April 6	04-02-1	KS	CQX	County	WF	H	1,600				
April 2	April 3	Cold	SD	BKF	USFS	WF	U	1,895				
April 2	April 4	Lincolnville	KS	MNX	County	WF	H	1,200				
April 4	April 7	Lyons Ranch	KS	RLX	County	WF	H	400				
April 4	April 6	04-04-1	KS	CQX	County	WF	H	1,500				
April 4	April 7	Silver Creek	KS	RLX	County	WF	H	700				
April 4	April 4	Tampa	KS	MNX	County	WF	H	3,200				
April 4	April 6	04-04-2	KS	CQX	County	WF	H	2,150				
April 5	April 8	Burley Hill	KS	GEX	County	WF	H	5,000				
April 5	April 6	Marlatt	KS	RLX	County	WF	H	320	1			
April 5	April 6	Wilburton	KS	PSF	USFS	WF	H	700	8			
April 7	April 7	Blue Rapids	KS	MSX	County	WF	H	2,075				
April 21	April 22	ML	WY	BHX	County	WF	H	863				
April 23	April 24	Storm Hill	SD	SDS	State	WF	U	194				
								21,797	9			0
June 6	June 7	Old Stump	CO	UPD	BLM	MCC	L	33				
June 10	June 11	Salt Center	WY	WBD	BLM	WF	L	225				
June 14	June 14	Kelso	CO	GMF	USFS	MCC	L	1,500				
June 14	June 17	Pitch	CO	GMF	USFS	MCC	L	404				
June 15	June 16	TA-27	CO	FCQ	DOD	WF	H	900				
June 15	June 17	Plum Canyon	CO	LSX	County	WF	L	1,260				
June 18	June 19	Deer Creek	WY	CMX	County	WF	L	846				
June 18	June 19	Short	WY	BFD	BLM	WF	U	2,300				
June 18	June 19	Sage Hen	CO	MNX	County	WF	U	178				
June 19	June 22	Beaver Creek	CO	RTF	USFS	MCC	H	38,380	17	IMT 2 NIMO NIMO NIMO	Esperance Quesinberry Hahnenberg Houseman	13 18 18 14
June 21	June 22	Long Draw	CO	SJF	USFS	MCC	L	2,038				
June 21	June 22	Douglas	WY	CRX	County	WF	L	1,785	1			
June 24	June 25	Little Taylor	CO	SJF	USFS	MCC	L	0				
June 24	June 26	Rapid Creek CA	SD	SDS	State	WF	H	1,192				
June 24	June 25	Crow Peak	SD	BKF	USFS	WF	L	2,733		IMT 2	Greer	7
June 24	June 28	Kara Creek	WY	CRX	County	WF	L	12,347	16			
June 25	June 25	Cherry Creek	CO	SUA	BIA	WF	U	16				
June 28	June 29	One Mile	WY	SHF	USFS	MCC	L	28				
June 29	July 2	North Fork	CO	RTF	USFS	MCC	L	0				
June 29	June 30	Red Mountain Creek	CO	GMF	USFS	MCC	L	0				
June 29	June 30	Blair	CO	WRD	BLM	MCC	L	1,140				
June 29	June 29	Painted Kiva	CO	MVP	NPS	MCC	L	0				
June 30	June 30	Willow	CO	SJF	USFS	MCC	L	0				
								67,306	34			70
July 5	June 7	Little D	CO	GRD	BLM	MCC	L	1				
July 6	June 7	Buck Draw	WY	WEX	County	WF	L	1,349				
July 6	June 7	LFE 4 Mile	CO	WRD	BLM	WF	U	415				
July 6	June 7	Browning	WY	CRX	County	WF	L	809				
July 8	June 9	Beatty Spur	WY	SHX	County	WF	U	304				
July 8	June 10	Hayden Pass	CO	PSF	USFS	MCC	L	16,562	1	IMT 2	Esperance	12
July 9	June 9	Cold Springs	CO	BLX	County	WF	U	528	16	IMT 2	Greer	4
July 10	July 12	Hairy	CO	FCQ	DOD	WF	H	720				

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July 11	July 14	Wolf Creek	WY	BHF	USFS	MCC	L	2				
July 11	July 16	Lava Mountain	WY	SHF	USFS	WF	L	14,651		IMT 2 IMT 1	Connell Martin	9 11
July 16	July 16	Indian Canyon	SD	SDS	State	WF	L	14,282	1			
July 16	July 17	Rock	NE	NBF	USFS	WF	L	367				
July 17	July 18	Sand Creek	WY	MBF	USFS	WF	L	450				
July 17	July 18	Big Sandy	CO	KWX	County	WF	L	455				
July 17	July 18	Rush Creek	CO	KWX	County	WF	L	743				
July 18	July 19	Dump	WY	JOX	County	WF	H	420				
July 19	July 19	Arden	WY	BHF	USFS	MCC	L	544				
July 19	July 19	Shoshone Lake	WY	SHF	USFS	MCC	U	38				
July 20	July 20	Piedra	CO	SJF	USFS	MCC	L	0				
July 22	July 22	Hatchery	WY	WAX	County	WF	H	2,570		IMT 2	Greer	3
July 23	July 23	War Creek	NE	NBF	USFS	WF	L	633				
July 23	July 23	Cedar Draw 2	WY	BFD	BLM	WF	L	2,035				
July 23	July 24	Bench	CO	DSP	NPS	WF	L	576				
July 24	July 24	Kennedy Ranch	WY	CMX	County	WF	L	738				
July 26	July 27	Cheyenne	SD	SDS	State	WF	L	334				
July 26	July 27	Freeman	SD	PRA	BIA	WF	L	18,815				
July 26	July 26	Gamet	NE	NBF	USFS	WF	L	706				
July 27	July 28	Milk	CO	LSD	BLM	WF	U	492				
July 28	July 28	Tokewanna	WY	UIX	County	WF	U	1,287	8	IMT2	Greer	6
								80,826	26			45
August 1	August 4	Spring Creek	CO	GMF	USFS	MCC	L	0				
August 2	August 3	Whit	WY	PAX	County	WF	H	12,387	8	IMT 1	Pechota	6
August 3	August 4	Hail	SD	PRA	BIA	WF	L	314				
August 7	August 10	Sand Creek	CO	ARF	USFS	WF	H	715				
August 8	August 9	Lost Solar	CO	WRF	USFS	MCC	L	4,755				
August 8	August 11	Ferris	WY	RAD	BLM	MCC	U	1				
August 8	August 10	Twin Lakes	WY	WBD	BLM	WF	L	1,579		IMT 2	Esperance	9
August 9	August 10	Hunter Peak	WY	SHF	USFS	WF	L	3,572		IMT 1	Pechota	8
August 10	August 10	Montrose	NE	NBF	USFS	WF	L	926				
August 11	August 12	Washakie Park	WY	WRA	BIA	WF	L	502				
August 12	August 13	Spring Creek 2	CO	CGFX	County	WF	U	621	4			
August 14	August 14	Happy Hollow	CO	LSD	BLM	WF	L	354				
August 14	August 22	Broadway	WY	MBF	USFS	WF	L	2,121				
August 15	August 17	Black Ridge	WY	WRA	BIA	MCC	L	0				
August 15	August 17	Basin	CO	ELX	County	WF	U	667				
August 17	August 17	North Hebner	WY	CMX	County	WF	L	311				
August 18	August 18	Walker Creek	WY	COX	County	WF	U	692				
August 20	August 20	Silver Creek	CO	RTF	USFS	WF	L	470				
August 22	August 23	Sand Hills	WY	NAX	County	WF	H	349				
August 27	August 28	Sheep Creek	CO	SJF	USFS	WF	L	1				
August 27	August 27	Book Out	WY	ALX	County	WF	U	232				
August 29	August 30	Dome Peak	CO	WRF	USFS	WF	L	0				
August 30	August 30	Pronghorn	WY	CMX	County	WF	H	1,889	1			
August 31	August 31	Fall Creek	CO	WRF	USFS	WF	L	0				
								32,458	13			23
September 1	September 1	Canyon	WY	SHF	USFS	WF	L	1				
September 4	September 5	Starwood	CO	LRX	County	WF	L	304				
September 7	September 10	Calico	CO	LSD	BLM	MCC	L	52				
September 10	September 11	Snake	WY	MBF	USFS	WF	U	2,565				

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September 13	September 19	Maroon	CO	WRF	USFS	MCC	L	2				
September 14	September 15	Lime Kiln	CO	UPD	BLM	MCC	L	0				
								2,924	0			3
October 3	October 4	Beulah Hill	CO	PUX	County	MCC	H	5,232	14	IMT 2	Greer	8
October 9	October 13	Ten Mile	CO	WRF	USFS	MCC	L	0				
October 15	October 16	Freeman	CO	WRF	USFS	WF	H	360				
October 16	October 17	Cottonwood CA	SD	SDS	State	WF	U	41,360	2			
October 17	October 17	Junkins	CO	CUX	County	WF	H	18,423	26	IMT 1	Lund	13
October 28	October 28	Chat Ridge	CO	DGX	County	WF	H	205				
								26,106	46			0
November 2	November 3	Knolls	CO	SJF	USFS	MCC	L	365				
November 13	November 15	Explosion	SD	PR	BIA	WF	H	3,070				
November 20	November 23	Dry Sweetwater	CO	WRF	USFS	MCC	H	2				
								3,437				
December 15	December 22	48	CO	HUX	County	WF	H	2,000				
								2,000	0			0
RMA TOTAL								348,925	147			159

See the Appendix for the Large Incident Summary organized by state rather than month, as seen above.

**Rocky Mountain Area and Coordination Center 2016 Annual Report
2016 RMA LARGE FIRE SUMMARY BY AGENCY**

The following table shows the number of large fires and acres burned by large fires in the RMA. The data in the table is based on the last ICS-209 report submitted electronically and are not necessarily the official acres of the incident. The "Agency" listed is the jurisdictional agency listed on the ICS-209 and is not necessarily the only agency that was affected by the incident. Large fires reported under a county's jurisdiction are included in the corresponding state's figures.

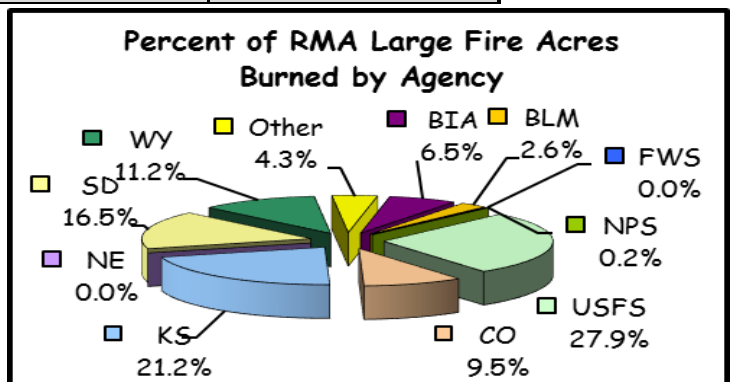
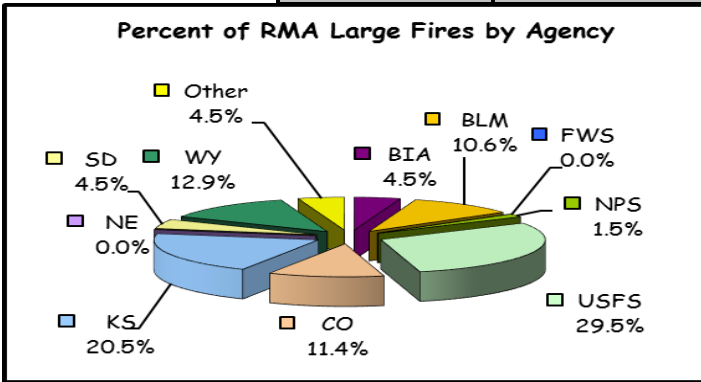
Agency	State	Large Fires	Large Fire Acres
BIA	CO	1	16
	KS	0	0
	NE	0	0
	SD	3	22,199
	WY	2	502
	ND	0	0
Total		6	22,717
<hr/>			
BLM	CO	8	2,487
	WY	6	6,593
Total		14	9,080
<hr/>			
FWS	CO	0	0
	KS	0	0
	NE	0	0
	SD	0	0
	WY	0	0
Total		0	0
<hr/>			
NPS	CO	2	576
	KS	0	0
	NE	0	0
	SD	0	0
	WY	0	0
Total		2	576
<hr/>			
USFS	CO	22	65,554
	KS	1	700
	NE	4	2,632
	SD	2	4,628
	WY	10	23,972
Total		39	97,486
<hr/>			
STATES	CO	15	33,245
	KS	27	73,815
	NE	0	0
	SD	6	57,712
	WY	17	39,178
Total		65	203,950
OTHER	Other	6	15,116
RMA TOTAL		132	348,925

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ROCKY MOUNTAIN AREA 2016 LARGE FIRE SUMMARY BY AGENCY

The following table and two pie charts illustrate the percent of large fires and percent of large fire acreage burned for each of the agencies within the RMA. Federal and Non-federal fires and acres are represented individually. What this means is that a fire that occurred on BIA land in Colorado will only be represented in the BIA pie slice below; it will not be included in the Colorado pie slice. The State percentages represent all Non-federal fires and acres in the respective state. Other includes other Federal Agencies not listed.

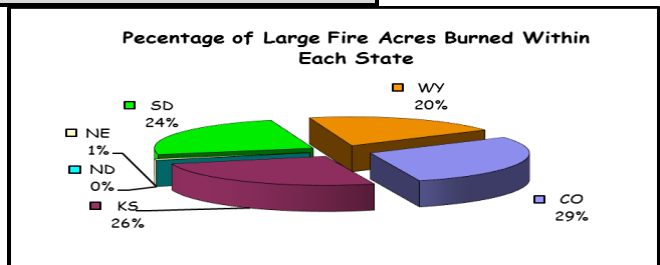
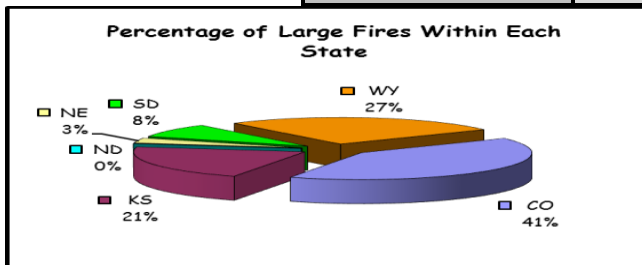
Agency Type	Agency	Large Fires	Large Fire Acres
FEDERAL	BIA	6	22,717
	BLM	14	9,080
	FWS	0	0
	NPS	2	576
	USFS	39	97,486
STATES	CO	15	33,245
	KS	27	73,815
	NE	0	0
	SD	6	57,712
	WY	17	39,178
OTHER	Other	6	15,116
RMA TOTAL		132	348,925



2016 RMA LARGE FIRE SUMMARY BY STATE

The following table and pie charts show the number of large fire and acres burned by large fires within each of the five states of the RMA and the North Dakota incident managed by the RMA. Both Federal and Non-federal fires and acres are included in these state totals. This information is from the last electronically submitted ICS-209 for an incident, which are not necessarily the official acres for the incident.

State	Large Fires	Large Fire Acres
CO	54	101,878
KS	28	89,631
ND	0	0
NE	4	2,632
SD	11	84,539
WY	35	70,245
RMA TOTAL	132	348,925



RESOURCES

TOTAL RMA RESOURCE MOVEMENT THROUGH RMC IN 2016

The following table shows the total number of resource orders, by resource category, processed by Rocky Mountain Area Coordination Center (RMC) for all incidents, which were filled with RMA resources. An RMA resource is defined as any resource from a unit within the Rocky Mountain Geographic Area. The Agency listed is the assigned resource's agency. For example a crew from Rocky Mountain National Park (NPS) was assigned to an incident on the Boise National Forest in Idaho (USFS). That crew assignment would be counted in the crew column on the NPS row. See the Appendix for a breakdown of RMA resources used within the area and RMA resources sent out of the area.

Agency	Overhead	Crews	Engines	Miscellaneous Equipment/Supplies	Aircraft
BIA	71	32	33	30	1
BLM	883	32	123	98	47
FWS	115	8	20	0	0
NPS	197	20	44	12	18
USFS	2,032	137	732	894	181
STATES	1,737	23	1,024	540	121
OTHER	76	28	1	11	0
TOTAL	5,111	280	1,977	1,585	368

NOTE: OTHER includes FAA, FEMA, GSA, DOE, NWS, National Guard, ADs, and private resources (contractors).

OUTSIDE RESOURCES BROUGHT INTO THE RMA IN 2016

The following table shows the total number of resources, by resource category, from units outside the RMA that filled resource requests from incidents within the RMA.

Non-RMA Resources	Overhead	Crews	Engines	Miscellaneous Equipment/Supplies	Aircraft
TOTAL	618	267	148	92	288

ALL RESOURCE REQUESTS PROCESSED BY RMC IN 2016

The following table shows the total number of resource requests, by resource category, processed by RMC. The requests are listed as either Filled - resource successfully assigned, UTF - Unable To Fill request, or Cancelled - ordering unit cancelled request prior to resource being assigned. The results of this table are displayed in the bar graph on the following page.

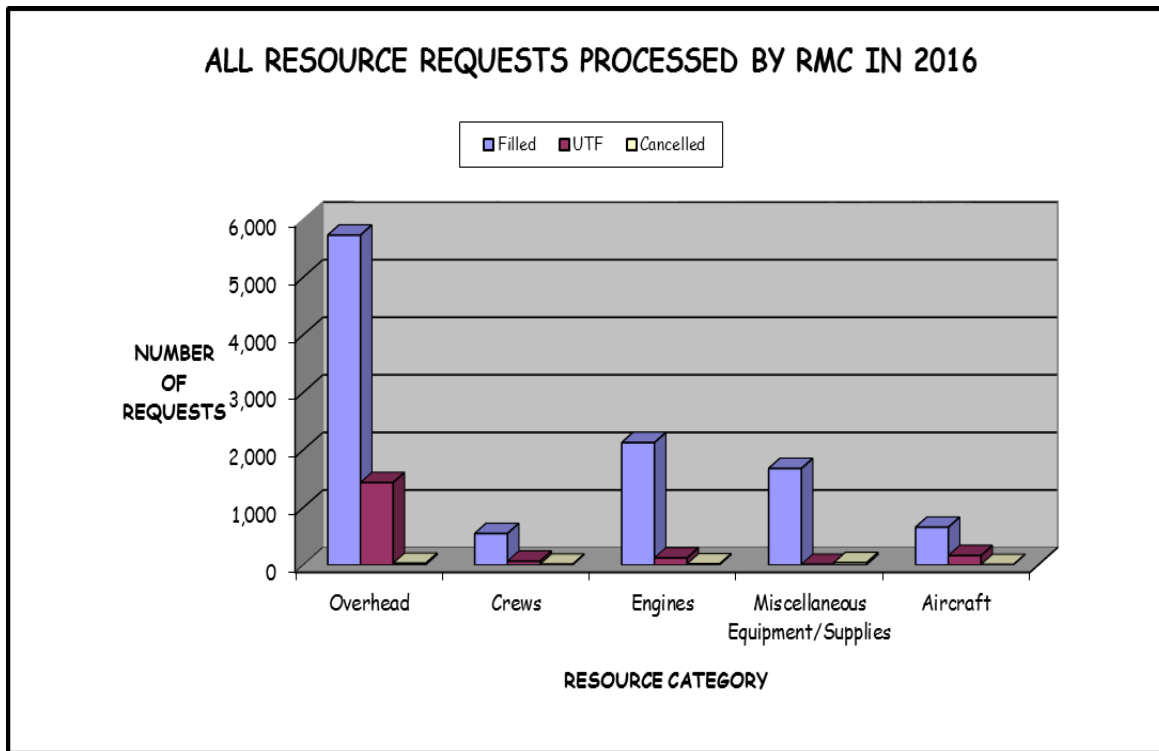
Request Status	Overhead	Crews	Engines	Miscellaneous Equipment/Supplies	Aircraft
Filled	5,729	547	2,125	1,677	656
UTF	1,432	66	122	11	164
Cancelled	30	13	19	41	7
TOTAL	7,191	626	2,266	1,729	827

The following table shows the percentage, by resource category, of resource request's status processed by RMC. For example: 2,794 of the 4,720 Overhead resource requests, or 59%, were successfully filled.

Request Status	Overhead	Crews	Engines	Miscellaneous Equipment/Supplies	Aircraft
Filled	80%	87%	94%	97%	79%
UTF	20%	11%	5%	1%	20%
Cancelled	0%	2%	1%	2%	1%

ALL RESOURCE REQUESTS PROCESSED BY RMC IN 2016

The following bar graph shows the total number of resource requests, by resource category, processed by RMC. It is the visual representation of the table on the preceding page with the same heading.



**RMA FIVE YEAR COMPARISON BY RESOURCE CATEGORY FROM 2011 TO 2015
(RMA RESOURCES ONLY)**

The following tables show the previous 5 years of filled resource requests, by resource categories, which were processed by RMC. The table's figures only accounts for RMA resources that filled either RMA or National resource requests. It does not include resources from outside the RMA that filled RMA resource requests. The figures in this table can be compared to the previous table entitled "TOTAL RMA RESOURCE MOVEMENT THROUGH RMC IN 2016". See the Appendix for a more detailed 5 year comparison table, showing Agency breakdown as well.

Year	Overhead	Crews	Engines	Misc. Equipment	Aircraft
2015	4,513	348	1,084	194	330
2014	6,213	253	743	128	224
2013	748	141	241	230	118
2012	4,960	335	752	351	945
2011	2,178	257	294	75	190
5-YEAR AVG	3,722	267	623	196	361

INCIDENT MANAGEMENT TEAMS

RMA INCIDENT MANAGEMENT TEAM SUMMARY FOR 2016

The following table shows the Incident Management Teams (IMTs), Area Command (ACs) and National Incident Management Organizations (NIMOs) hosted by the Rocky Mountain Area and the assignments RMA IMTs/Organizations had outside the RMA geographic area. The "Start Date" is the date the fire started, not necessarily the date the IMT or Organization was assigned to the fire. *Note: Preparedness/Preposition and Support/Severity assignments are represented by mob (start date) and demob (1st day as large fire) dates within the duration of the incident. Most likely if it was a flood or All Risk assignment a start date was not issued, therefore not represented below. Other visiting IMTs/ACs/NIMOs may have also been assigned to the fires listed below, see the proceeding section entitled "RMA Large Incident Summary By Month for 2016" to obtain a complete listing of all large fires in the RMA and teams assigned to those fires.

Start Date	1st Day as a Large Fire	Incident Commander(s)	IMT Type	Number of Days Listed As IC on the ICS 209*	Incident Name	Incident Number
June 19	June 22	Esperance	IMT 2	13	Beaver Creek	CO-RTF-000088
July 8	July 10	Esperance	IMT 2	12	Hayden Pass	CO-PSF-001022
July 9	July 9	Greer	IMT 2	4	Cold Springs	CO-BLX-000457
June 24	June 25	Greer	IMT 2	7	Crow Peak	SD-BKF-160370
July 22	July 22	Greer	IMT 2	3	Hatchery	WY-WAX-000322
July 28	July 28	Greer	IMT 2	6	Tokewanna	WY-UIX-160200
August 2	August 3	Pechota	IMT 1	6	Whit	WY-PAX-000393
August 9	August 10	Pechota	IMT 1	8	Hunter Peak	WY-SHF-000428
October 3	October 4	Greer	IMT 2	8	Beulah Hill	CO-PUX-001936
November 8	November 8	Esperance	IMT 2	14	Maple Springs	NC-NCF-160295
TOTAL				81		
Number RMA IMT Type 1				16		
Number of RMA IMT Type 2				35		
Number RMA NIMO Days				0		
Number of RMA AC Days				0		

* **Note:** Rocky Mountain Area IMT2 Esperance was assigned to Raven Rock VA-VAF000255 on November 5th, 2016. The Team was assigned for 2 days. No ICS-209's were completed for this incident

* **Note:** Rocky Mountain Area IMT2 Esperance was assigned to FY 2017 SACC Support: Preparedness/Preposition on November 8th, 2016. The Team was assigned for 3 days. No ICS-209's were completed for this incident

VISITING IMTs TO THE RMA IN 2016

The following table shows the Incident Management Teams (IMTs), Area Command Teams (AC) and National Incident Management Organization(s) (NIMO) ordered into the Rocky Mountain Area and the assignments those IMTs/s/ACs/NIMOs had in 2016. The "Start Date" is the date the fire started, not necessarily the date the IMT/Organization/ was assigned to the incident. Other "home" RMA IMTs/ACs/s may have also been assigned to the fires listed below, see the proceeding section entitled "RMA Large Incident Summary By Month for 2016" to obtain a complete listing of all large fires in the RMA and teams assigned to those fires.

Start Date	1st Day as a Large Fire	Incident Commander(s)	IMT Type	Number of Days Listed As IC on the ICS 209*	Incident Name	Incident Number
June 11	July 16	Connell	IMT 2	9	Lava Mountain	WY-SHF-000267
		Martin	IMT 1	11	Lava Mountain	WY-SHF-000267
June 19	June 22	Quesinberry	NIMO	18	Beaver Creek	CO-RTF-000088
		Hahnenberg	NIMO	18	Beaver Creek	CO-RTF-000088
		Houseman	NIMO	14	Beaver Creek	CO-RTF-000088
October 17	October 17	Lund	IMT 1	13	Junkins	CO-CUX-002046
TOTAL				83		
Number of Type 1 Visiting IMT Days				24		
Number of Type 2 Visiting IMT Days				9		
Number of Visiting IMT Days				33		
Number of AC Visiting IMT Days				0		
Number of NIMO Visiting Days				50		

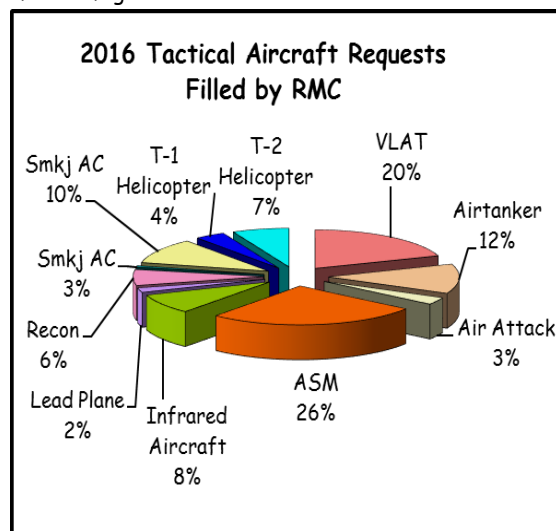
* Note:

AVIATION

TACTICAL AVIATION RESOURCE BREAKDOWN IN 2016 (Orders processed by RMC only)

The following table and pie chart reflect, by aircraft type, the number of tactical aircraft resource requests processed by RMC during the 2016 fire season. This table does not reflect non-tactical resource requests such as Temporary Flight Restrictions (TFRs) or Radio Frequencies. Infrared Aircraft includes both fixed and rotary wing aircraft used for infrared flights.

Resource Type	Ordered	Filled	Cancelled	UTF
VLAT [‡]	24	10	3	8
Airtanker [‡]	195	137	9	48
Air Attack	112	86	4	15
ASM [‡]	23	21	0	2
Infrared Aircraft	219	182	4	33
Lead Plane [‡]	69	58	4	9
Recon	16	13	0	1
SEAT	72	46	4	13
Smokejumper AC	6	5	1	0
T-1 Helicopter	95	74	12	14
T-2 Helicopter	41	26	9	5
T-3 Helicopter	62	49	4	11
TOTAL	934	707	54	159



[‡] ASM = Aerial Supervision Module; [‡] VLAT = Very Large Airtanker

[‡] Airtanker = Includes Canadian Convair 580, Modular Airborne FireFighting System (MAFFS), CL-415s (Scoopers)

[‡] Lead Plane = Includes Canadian Bird Dog

RMA CONTRACT HELICOPTER SUMMARY FOR 2016

The following table shows the Exclusive Use contract helicopters based within the RMA during the 2016 fire season.

Call Sign / Tail # / Base	Type	National Assignments	Days Out National	Area Assignments	Days Out In Area
HT-718/N718HT Jeffco	1-EX	14	96	2	3
HB-4AC/N194AC Rifle	1-EX	19	99	0	0
HT-1KA/N161KA Custer	1-EX	19	90	0	0
H-7HX/N17HX Durango	2-EX	26	81	0	0
H-8ME/N618ME Ute Mtn.	3-EX	8	102	0	0
H-ORL/N420RL Mesa Verde	3-EX	16	73	1	1
H-9AC/N669AC Monument	3-EX	6	82	3	6
H-3BH/N173BH Rifle	3-EX	11	95	3	7
H-7TA/N357TA Custer	3-EX	5	21	7	15
H-8MD/N618MD Jeffco	3-EX	5	57	17	30
H-8MC/N818MC Fort Washakie	3-EX	31	105	0	0
H-2HX/N32HX Rawlins	3-EX	16	81	1	9
TOTAL		176	982	34	71
Avg Days Out Per Assianment			5.6		2.1
Avg Days Out Per Helicopter			61.4		4.4

Note: The above table does not include Preparedness/Preposition and Support/Severity assignments.

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RMA CONTRACT AIRTANKER/SEAT OPERATIONS IN 2016

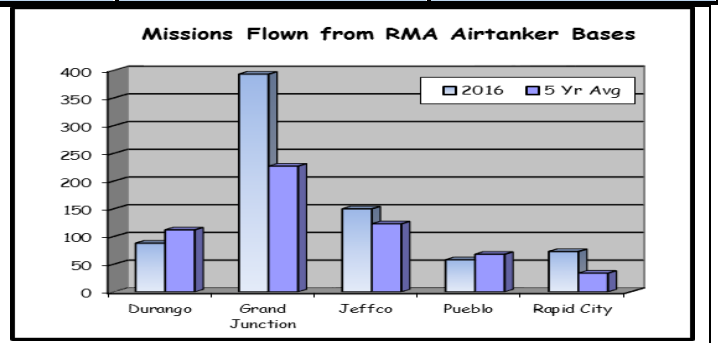
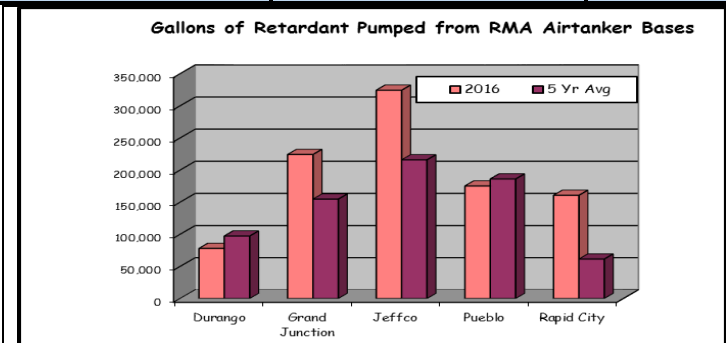
The following table shows the contract Airtankers/SEATs based with the RMA during the fire season. The Gallons Delivered and Missions Flown columns reflect all gallons and missions for that contract airtanker/SEAT, whether the mission was within the RMA or not.

Tanker Number	Agency	Gallons Delivered	Missions Flown
T-821 (SEAT)	CO BLM	15,400	22
T-828 (SEAT)	CO BLM	12,300	18
T-830 (SEAT)	CO BLM	12,600	18
T-850 (SEAT)	CO BLM	4,700	9
T-871 (SEAT)	CO BLM	18,900	27
T-888 (SEAT)	CO State	54,089	75
T-831 (SEAT)	CO State	81,517	117
T-860 (SEAT)	CO State	33,945	11
T-861 (SEAT)	CO State	27,018	22
T-435 (SEAT)	CO State	5,242	10
T-821 (SEAT)	WY BLM	14,400	20
T-824 (SEAT)	WY BLM	42,480	59
T-828 (SEAT)	WY BLM	46,800	63
T-850 (SEAT)	WY BLM	47,520	66
T-830 (SEAT)	WY BLM	11,520	16
T-866 (SEAT)	WY BLM	39,600	55
T-837 (SEAT)	WY BLM	3,600	5
T-455 (SEAT)	SD State	18,525	42
T-855 (SEAT)	SD State	13,450	24
T-475 (SEAT)	NE State	12,310	23
TOTAL		515,916	702

RMA AIRTANKER BASE AND RELOAD BASE OPERATIONS IN 2016

The following table and pie charts show the Airtanker and Reload Bases within the RMA. The Gallons Pumped and Missions Flown columns reflect all gallons and Airtanker missions flown out of that Base, however those missions are not necessarily just RMA missions, as an RMA base could be used as a reload facility for other geographic areas.

Tanker Base	Gallons Pumped 2016	Missions Flown 2016	5 Yr Avg Gallons Pumped	5 Yr Avg Missions Flown
Durango	77,965	88	97,321	112
Grand Junction	224,173	393	154,817	227
Jeffco	324,267	150	215,870	123
Pueblo	175,226	58	186,135	68
Rapid City	160,687	73	61,525	34
RMA TOTAL	962,318	762	715,668	564



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HANDCREWS

RMA TYPE 1 HANDCREW SUMMARY FOR 2016

The following table shows the 7 Type 1 handcrews hosted in the RMA and the total incidents, in area and out-of-area that each crew was assigned to during the 2016 fire season. These figures come directly from each crew and represent all incidents, not just incidents that RMC processed an order for. Days listed represent days working on an incident and do not include travel or R&R.

Crew Name	Area Incidents	Total Days On Area Incidents	National Incidents	Total Days On National Incidents
Alpine Hotshots	1	4	16	84
Craig Hotshots	2	18	13	82
Pike Hotshots	9	42	7	51
Roosevelt Hotshots	13	60	5	9
San Juan Hotshots	11	68	7	26
Tatanka Hotshots	8	57	4	26
Wyoming Hotshots	9	53	7	35
TOTAL	53	302	59	313
Average Days Crews Worked on Incidents this Season		43.1		44.7
Average Days Crews Worked on a Single Incident		5.7		5.3

RMA TYPE 2 and Type 2IA HANDCREW SUMMARY FOR 2016

The following table shows the Type 2 and Type 2IA handcrew orders that were processed by the RMC for crews that are an RMA resource. An RMA resource is defined as any resource from a unit within the Rocky Mountain Geographic Area.

	Area Assignments	Days Out	National Assignment	Days Out
TOTAL	271	838	21	151
Avg Days Out		3.1		7.2

VISITING TYPE 1, Type 2 AND TYPE 2IA HANDCREWS TO THE RMA IN 2016

The following table shows the total number of Type 1, Type 2 and Type 2IA crews that visited the RMA in 2016. The table does not reflect the number of individual incidents a crew might have been assigned to while in the RMA.

Crew Type	Number of Assignments	Days on Assignments	Avg Days on Assignment in the RMA
Type 1 handcrew	69	327	4.7
Type 2 and Type 2IA handcrew	198	982	5.0
TOTAL	267	1309	4.9

APPENDIX

	Page Number
10 YEAR RMA INTERAGENCY FIRE STATISTICS This section includes a table of RMA fires and acres over the last 10 years by individual year and agency.	Appendix - 1
RMA Large Incident Summary This section includes tables of all large incidents reported to the Rocky Mountain Coordination Center on an ICS-209 sorted by State.	Appendix - 2
RMA Resource Breakdown This section includes a table of RMA resources that were assigned to RMA incidents and a table of RMA resources that were assigned to incidents outside of the RMA during the 2016 season, as well as a 5 year comparison by year and agency of RMA resource assignments.	Appendix - 3

Appendix - 1

10 YEAR RMA INTERAGENCY FIRE STATISTICS

The following table shows the number of fires and acres burned for each of the agencies within the RMA over the past 10 years, not including the 2016 data. Federal and Non-federal fires and acres are listed individually. What this means is that a fire that occurred on BIA land in Colorado will only be represented in the BIA row below; it will not be included in the Colorado row. The State figures represent all Non-federal fires and acres in the respective state as reported to the USFS Regional Office's State and Private Forestry staff.

Agency	2015		2014		2013		2012		2011	
	Fires	Acres	Fires	Acres	Fires	Acres	Fires	Acres	Fires	Acres
BIA	650	21,986	679	4,102	743	915	1,825	172,491	874	25,713
BLM	340	6,980	376	11,466	487	8,535	559	72,576	445	24,012
FWS	17	306	30	1,334	16	619	42	4,387	35	2,604
NPS	23	7,411	33	2,508	33	1,072	51	4,473	41	2,491
USFS	278	2,766	335	2,482	434	180,853	769	219,383	532	74,109
Federal Total	1,308	39,449	1,453	21,892	1,713	191,994	3,246	473,310	1,927	128,929
States										
CO	2,971	19,716	3,169	13,764	4,062	61,179	5,129	283,872	4,321	111,592
KS	6,031	88,207	7,171	162,955	3,754	17,061	10,627	113,474	9,939	209,353
NE	591	41,469	854	23,007	473	10,991	1,503	501,961	962	35,018
SD	676	44,424	567	10,841	425	3,410	1,438	154,875	722	56,498
WY	495	23,151	387	2,074	281	1,511	547	427,559	355	92,948
State Total	10,764	216,967	12,148	212,641	8,995	94,152	19,244	1,481,741	16,299	505,409
Other	5	8,639	3	1,400	4	6,502	6	11,617	6	44,772
RMA TOTAL	12,077	265,055	13,604	235,933	10,712	292,648	22,496	1,966,668	18,232	679,110

Agency	2010		2009		2008		2007		2006	
	Fires	Acres	Fires	Acres	Fires	Acres	Fires	Acres	Fires	Acres
BIA	879	5,472	780	3,756	687	2,101	1,107	29,785	1,869	77,107
BLM	494	13,039	686	11,833	394	17,477	612	17,072	765	29,932
FWS	47	10,109	18	536	24	1,934	22	1,731	44	2,993
NPS	41	10,694	35	350	44	10,694	38	318	60	689
USFS	422	24,984	412	15,143	431	81,271	531	43,650	655	65,557
Federal Total	1,883	64,298	1,931	31,618	1,580	113,477	2,310	92,556	3,393	176,278
States										
CO	3,482	66,119	2,973	41,430	2,142	75,571	2,932	18,086	3,294	201,809
KS	2,664	130,282	6,238	151,210	5,821	127,838	2,552	26,507	6,871	158,103
NE	678	23,360	843	12,379	751	8,456	801	20,301	1,858	120,076
SD	461	9,378	293	6,864	354	6,482	1,027	180,399	1,027	180,399
WY	541	67,062	422	5,778	533	51,456	597	29,059	1,008	262,152
State Total	7,826	296,201	10,769	217,661	9,601	269,803	7,909	274,352	14,058	922,539
Other*	5	2,150	11	15,517	13	53,428	4	3,533	5	5,586
RMA TOTAL	9,714	362,649	12,711	264,796	11,194	436,708	10,223	370,441	17,456	1,104,403

Appendix - 2
RMA LARGE INCIDENT SUMMARY BY STATE FOR 2016

The following table shows the same information found earlier in this report in the section entitled "RMA Large Incident Summary By Month For 2016", however this table is organized first by the state in which the incident occurred, and then by the date the incident occurred.

Incident Name	State	Unit	Agency	Kind	Start Date	1 st Day as a Large Fire	Cause	Acres	Structures Destroyed	IMT Type	Incident Commander(s)	Number of Days Listed As IC on the ICS-209
Impact area	CO	FCQ	DOD	WF	January 29	January 30	H	9,636				
Pumkin Center	CO	LCX	County	WF	February 18	March 4	U	2,282				
Sullivan Park	CO	FCQ	DOD	WF	February 20	February 21	H	1,250				
Huerfano	CO	PUX	County	WF	March 2	March 4	H	300				
TA18	CO	FCQ	DOD	WF	March 4	March 5	H	902				
Arroyo	CO	PAX	County	WF	March 5	March 7	H	47				
MSR 2	CO	FCQ	DOD	WF	March 17	March 18	H	1,708				
Old Stump	CO	UPD	BLM	MCC	June 6	June 7	L	33				
Kelso	CO	GMF	USFS	MCC	June 14	June 14	L	1,500				
Pitch	CO	GMF	USFS	MCC	June 14	June 17	L	404				
TA-27	CO	FCQ	DOD	WF	June 15	June 16	H	900				
Plum Canyon	CO	LSX	County	WF	June 15	June 17	L	1,260				
Sage Hen	CO	MNX	County	WF	June 18	June 19	U	178				
Beaver Creek	CO	RTF	USFS	MCC	June 19	June 22	H	38,380	17	IMT 2 NIMO NIMO NIMO	Esperance Quesinberry Hahnenberg Houseman	13 18 18 14
Long Draw	CO	SJF	USFS	MCC	June 21	June 22	L	2,038				
Little Taylor	CO	SJF	USFS	MCC	June 24	June 25	L	0				
Cherry Creek	CO	SUA	BIA	WF	June 25		U	16				
North Fork	CO	RTF	USFS	MCC	June 29	July 2	L	0				
Red Mountain Creek	CO	GMF	USFS	MCC	June 29	June 30	L	0				
Blair	CO	WRD	BLM	MCC	June 29	June 30	L	1,140				
Painted Kiva	CO	MVP	NPS	MCC	June 29	June 29	L	0				
Willow	CO	SJF	USFS	MCC	June 30	June 30	L	0				
Little D	CO	GRD	BLM	MCC	July 5	July 7	L	1				
LFE 4 Mile	CO	WRD	BLM	WF	July 6	July 7	U	415				
Hayden Pass	CO	PSF	USFS	MCC	July 8	July 10	L	16,562	1	IMT 2	Esperance	12
Cold Springs	CO	BLX	County	WF	July 9	July 9	U	528	16	IMT 2	Greer	4
Hairy	CO	FCQ	DOD	WF	July 10	July 12	H	720				
Big Sandy	CO	KWX	County	WF	July 17	July 18	L	455				
Rush Creek	CO	KWX	County	WF	July 17	July 18	L	743				
Piedra	CO	SJF	USFS	MCC	July 20	July 20	L	0				
Bench	CO	DSP	NPS	WF	July 23	July 24	L	576				
Milk	CO	LSD	BLM	WF	July 27	July 28	U	492				
Spring Creek	CO	GMF	USFS	MCC	August 1	August 4	L	0				
Sand Creek	CO	ARF	USFS	WF	August 7	August 10	L	715				
Lost Solar	CO	WRF	USFS	MCC	August 8	August 9	L	4,755				

Spring Creek 2	CO	GFX	County	WF	August 12	August 13	U	621	4			
Happy Hollow	CO	LSD	BLM	WF	August 14	August 14	L	354				
Basin	CO	ELX	County	WF	August 15	August 17	U	667				
Silver Creek	CO	RTF	USFS	WF	August 20	August 20	L	470				
Sheep Creek	CO	SJF	USFS	MCC	August 27	August 28	L	1				
Dome Peak	CO	WRF	USFS	MCC	August 29	August 30	L	0				
Fall Creek	CO	WRF	USFS	MCC	August 31	August 31	L	0				
Starwood	CO	LRX	County	WF	September 4	September 5	L	304				
Calico	CO	LSD	BLM	MCC	September 7	September 10	L	52				
Maroon	CO	WRF	USFS	MCC	September 13	September 19	L	2				
Lime Kiln	CO	UPD	BLM	MCC	September 14	September 15	L	0				
Beulah Hill	CO	PUX	County	MCC	October 3	October 4	H	5,232	14	IMT 2	Greer	8
Ten Mile	CO	WRF	USFS	MCC	October 9	October 13	L	0				
Freeman	CO	WRF	USFS	WF	October 15	October 16	H	360				
Junkins	CO	CUX	County	WF	October 17	October 17	H	18,423	26	IMT 1	Lund	13
Chat Ridge	CO	DGX	County	WF	October 28	October 28	H	205				
Knolls	CO	SJF	USFS	MCC	November 2	November 3	L	365				
Dry Sweetwater	CO	WRF	USFS	MCC	November 20	November 23	H	2				
48	CO	HUX	County	WF	December 15	December 22	H	2,000				
								116,994	78			100
121st Road	KS	CLX	County	WF	February 16	February 17	H	300				
175 Road	KS	LYX	County	WF	February 17	February 29	U	1,000	1			
Hovespian	KS	CLX	County	WF	February 17	February 19	H	20	7			
Roundtree	KS	PTX	County	WF	February 18	February 22	H	300				
Hemple	KS	MGX	County	WF	February 18	February 19	H	1,000				
900 Road	KS	LNK	County	WF	February 18	February 23	U	1,000	1			
Barrett	KS	HMX	County	WF	February 19	February 21	H	1,000				
Wieeman	KS	BUX	County	WF	February 27	March 4	U	2,190	2			
Loving Road	KS	LVX	County	WF	February 27	February 28	H	440				
Nighthawk	KS	MNX	County	WF	February 27	February 28	H	200				
1800 and Yancy	KS	LNK	County	WF	February 27	March 10	H	750				
Freguson Ranch	KS	CLX	County	WF	March 4	March 5	H	25,650				
Wagon Wheel	KS	MNX	County	WF	March 6	March 16	H	1,200	1			
Marion Upland Road	KS	MNX	County	WF	March 11	March 14	H	600				
Rd 80	KS	LYX	County	WF	March 17	March 21	H	5,000				
1st and Smoky Valley	KS	MPX	County	WF	March 17	March 21	H	1,020				
Burmac	KS	RNX	County	WF	March 23	March 29	H	14,000	11			
04-02-1	KS	COX	County	WF	April 2	April 6	H	1,600				
Lincolnvillle	KS	MNX	County	WF	April 2	April 4	H	1,200				
Lyons Ranch	KS	RLX	County	WF	April 4	April 7	H	400				
04-04-1	KS	COX	County	WF	April 4	April 6	H	1,500				
Silver Creek	KS	RLX	County	WF	April 4	April 7	H	700				
Tampa	KS	MNX	County	WF	April 4	April 4	H	3,200				
04-04-2	KS	CQX	County	WF	April 4	April 6	H	2,150				
Burley Hill	KS	GEX	County	WF	April 5	April 8	H	5,000				
Marlatt	KS	RLX	County	WF	April 5	April 6	H	320	1			
Wilburton	KS	PSF	USFS	WF	April 5	April 6	H	700	8			
Blue Rapids	KS	MSX	County	WF	April 7	April 19	H	2,075				

								74,515	32		0	
Rock	NE	NBF	USFS	WF	July 16	July 17	L	367				
War Creek	NE	NBF	USFS	WF	July 23	July 23	L	633				
Gamet	NE	NBF	USFS	WF	July 26	July 26	L	706				
Montrose	NE	NBF	USFS	WF	August 10	August 10	L	926				
								2,188	0		0	
Tabor Rec Area	SD	SDS	State	WF	March 11	March 11	U	350				
Cold	SD	BKF	USFS	WF	April 2	April 3	U	1,895				
Storm Hill	SD	SDS	State	WF	April 23	April 24	U	194				
Rapid Creek CA	SD	SDS	State	WF	June 24	June 26	H	1,192				
Crow Peak	SD	BKF	USFS	WF	June 24	June 25	L	2,733		IMT 2	Greer	7
Indian Canyon	SD	SDS	State	WF	July 16	July 16	L	14,282	1			
Cheyenne	SD	SDS	State	WF	July 26	July 27	L	334				
Freeman	SD	PRA	BIA	WF	July 26	July 27	L	18,815				
Hail	SD	PRA	BIA	WF	August 3	August 4	L	314				
Cottonwood CA	SD	SDS	State	WF	October 16	October 17	U	41,360	2			
Explosion	SD	PRA	BIA	WF	November 13	November 15	H	3,070				
								84,539	3		0	
Rourke 2 Fire	WY	BFD	BLM	WF	March 12	March 14	H	453				
ML	WY	BHX	County	WF	April 21	April 22	H	863				
Salt Center	WY	WBD	BLM	WF	June 10	June 11	L	225				
Deer Creek	WY	CMX	County	WF	June 18	June 19	L	846				
Short	WY	BFD	BLM	WF	June 18	June 19	U	2,300				
Douglas	WY	CRX	County	WF	June 21	June 22	L	1,785	1			
Kara Creek	WY	CRX	County	WF	June 24	June 28	L	12,347	16			
One Mile	WY	SHF	USFS	MCC	June 28	June 29	L	28				
Buck Draw	WY	WEX	County	WF	July 6	July 7	L	1,349				
Browning	WY	CRX	County	WF	July 6	July 7	L	809				
Beatty Spur	WY	SHX	County	WF	July 8	July 9	U	304				
Wolf Creek	WY	BHF	USFS	MCC	July 11	July 14	L	2				
Lava Mountain	WY	SHF	USFS	WF	July 11	July 16	L	14,651		IMT 2 IMT 1	Connell Martin	9 11
Sand Creek	WY	MBF	USFS	WF	July 17	July 18	L	450				
Dump	WY	JOX	County	WF	July 18	July 19	H	420				
Arden	WY	BHF	USFS	MCC	July 19	July 19	L	544				
Shoshone Lake	WY	SHF	USFS	MCC	July 19	July 19	U	38				
Hatchery	WY	WAX	County	WF	July 22	July 22	H	2,570		IMT 2	Greer	3
Cedar Draw 2	WY	BFD	BLM	WF	July 23	July 23	L	2,035				
Kennedy Ranch	WY	CMX	County	WF	July 24	July 24	L	738				
Tokewanna	WY	UIX	County	WF	July 28	July 28	U	1,287	8	IMT 2	Greer	6
Whit	WY	PAX	County	WF	August 2	August 3	H	12,387	8	IMT 1	Pechota	6
Ferris	WY	RAD	BLM	MCC	August 8	August 11	U	1				
Twin Lakes	WY	WBD	BLM	WF	August 8	August 10	L	1,579		IMT 2	Esperance	9
Hunter Peak	WY	SHF	USFS	WF	August 9	August 10	L	3,572		IMT 1	Pechota	8
Washakie Park	WY	WRA	BIA	WF	August 11	August 12	L	502				
Broadway	WY	MBF	USFS	WF	August 14	August 22	L	2,121				

Black Ridge	WY	WRA	BIA	MCC	August 15	August 17	L	0				
North Hebner	WY	CMX	County	WF	August 17	August 17	L	311				
Walker Creek	WY	COX	County	WF	August 18	August 18	U	692				
Sand Hills	WY	NAX	County	WF	August 22	August 23	H	349				
Book Out	WY	ALX	County	WF	August 27	August 27	U	232				
Pronghorn	WY	CMX	County	WF	August 30	August 30	H	1,889	1			
Canyon	WY	SHF	USFS	MCC	September 1	September 1	L	1				
Snake	WY	MBF	USFS	WF	September 10	September 11	U	2,565				
								70,245	34			52
RMA TOTAL												
								348,925	147			159

See pg.10 for the Large Incident Summary organized by Month rather than state, as seen above

Appendix - 3

**RMA RESOURCE BREAKDOWN
RMA RESOURCES PROCESSED THROUGH RMC IN 2016
FOR RMA ASSIGNMENTS**

The following table shows the number of resource orders, by resource category, processed by Rocky Mountain Area Coordination Center for **RMA incidents, which were filled with RMA resources**. An RMA resource is defined as any resource from a unit within the Rocky Mountain Geographic Area. The Agency listed is the assigned resource's agency. For example a crew from Rocky Mountain National Park (NPS) was assigned to an incident on the Gunnison National Forest (USFS). That crew assignment would be counted in the crew column on the NPS row.

Agency	Overhead	Crews	Engines	Misc. Equipment	Aircraft
BIA	47	21	12	30	1
BLM	816	14	99	90	1
FWS	77	7	15	0	0
NPS	157	6	33	10	13
USFS	1,829	90	661	823	78
STATES	1,326	21	959	491	8
OTHER	66	21	1	3	0
TOTAL	4,318	180	1,780	1,447	101

NOTE: OTHER includes FAA, FEMA, GSA, DOE, NWS, National Guard, ADs, and private resources (contractors).

**RMA RESOURCES PROCESSED THROUGH RMC IN 2016
FOR NATIONAL ASSIGNMENTS**

The following table shows the number of resource orders, by resource category, processed by Rocky Mountain Area Coordination Center for National incidents, which were filled with RMA resources. A National incident is any incident outside the RMA. An RMA resource is defined as any resource from a unit within the Rocky Mountain Geographic Area. The Agency listed is the assigned resource's agency. For example a crew from Rocky Mountain National Park (NPS) was assigned to an incident on the Boise National Forest in Idaho (USFS). That crew assignment would be counted in the crew column on the NPS row.

Agency	Overhead	Crews	Engines	Misc. Equipment	Aircraft
BIA	24	11	21	0	0
BLM	67	18	24	8	46
FWS	38	1	5	0	0
NPS	40	14	11	2	5
USFS	203	47	71	71	103
STATES	411	2	65	49	113
OTHER	10	7	0	8	0
TOTAL	793	100	197	138	267

NOTE: OTHER includes FAA, FEMA, GSA, DOE, NWS, National Guard, ADs, and private resources (contractors).

Appendix - 3 continued
5 YEAR COMPARISON BY RESOURCE CATEGORY AND AGENCY

The following table shows the total number of resource orders for the past 5 years, by resource category, processed by Rocky Mountain Area Coordination Center for all incidents, which were filled with RMA resources. An RMA resource is defined as any resource from a unit within the Rocky Mountain Geographic Area. The Agency listed is the assigned resource's agency. For example a crew from Rocky Mountain National Park (NPS) was assigned to an incident on the Boise National Forest in Idaho (USFS). That crew assignment would be counted in the crew column on the NPS row.

Agency	Year	Resource Category				
		Overhead	Crews	Engines	Misc. Equipment	Aircraft
BIA	2015	119	44	27	13	0
	2014	170	22	25	25	0
	2013	9	21	5	0	0
	2012	132	156	54	7	9
	2011	90	56	12	3	10
	Avg/Year	104	60	25	10	4
BLM	2015	808	17	117	15	33
	2014	1,255	17	84	18	17
	2013	137	17	21	6	9
	2012	704	19	46	58	88
	2011	284	36	29	1	15
	Avg/Year	638	21	59	20	32
FWS	2015	79	8	17	0	0
	2014	73	4	23	0	0
	2013	15	7	8	0	0
	2012	126	6	38	5	3
	2011	44	8	6	0	0
	Avg/Year	67	7	18	1	1
NPS	2015	274	14	37	4	10
	2014	264	14	19	0	0
	2013	41	11	5	38	6
	2012	616	16	10	6	5
	2011	244	16	8	3	3
	Avg/Year	288	14	16	10	5
USFS	2015	1,732	122	351	51	105
	2014	2,826	124	295	24	169
	2013	246	74	48	162	31
	2012	2,228	131	164	41	276
	2011	965	118	80	41	76
	Avg/Year	1,599	114	188	64	131
STATES	2015	1,416	105	535	111	144
	2014	1,580	52	297	61	17
	2013	284	5	154	24	49
	2012	1,014	7	388	68	204
	2011	373	23	142	7	22
	Avg/Year	933	38	303	54	87
OTHER	2015	85	38	0	0	38
	2014	45	20	0	0	21
	2013	16	6	0	0	23
	2012	140	0	52	166	360
	2011	198	0	16	20	64
	Avg/Year	97	13	14	37	101

NOTE: OTHER includes FAA, FEMA, GSA, DOE, NWS, National Guard, ADs, and private resources (contractors).