

Alaska

Annual Fire Report 2013

Alaska Interagency Coordination Center
Predictive Services Unit

Available on www.fire.ak.blm.gov
Published March 2014



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AICC Mission



The Alaska Interagency Coordination Center (AICC) is the Geographic Area Coordination Center for Alaska. Located on Ft. Wainwright (near Fairbanks), AICC serves as the focal point for initial attack resource coordination, logistics support, and predictive services for all state and federal agencies involved in wildland fire management and suppression in Alaska.

AICC operates on an interagency basis - cooperators include the Bureau of Land Management, State of Alaska Department of Natural Resources, USDA Forest Service, National Park Service, Bureau of Indian Affairs, and the Fish and Wildlife Service.

Annual Fire Report

The Alaska Interagency Coordination Center Intelligence Section is responsible for maintaining statewide historical fire records and producing year end fire statistics for all fires in Alaska on lands protected by Alaska Fire Service, State of Alaska Division of Forestry, and the US Forest Service. AFS, DOF, and USFS are responsible for lands administered by the following five federal agencies; BLM, BIA, USFS, FWS, and NPS, along with state owned lands. The annual figures delineated are from the protecting agencies, along with individual areas and zones, for total fire starts and acres burned.

Statistics were gathered from Alaska Fire Service's fire reporting program FireBeans, the State of Alaska's CAD program Integrated Fire Management (IFM), and fire perimeter data from AICC ArcIMS Mapping Products. Previous AICC annual reports and other sources were also used in this document.

The statistics presented here are intended to provide a geographic area perspective of annual fire activity. Pie chart figures are rounded to the nearest whole percentage point. This document is available electronically at the AICC Predictive Services web page under the Yearly Alaska Fire Statistics. Previous year annual reports may be found in the Archive under that same statistics section. For agency-specific details or official data contact the individual agency.

Resource mobilization statistics used in this report were gathered from the interagency Resource Ordering and Status System (ROSS), which tracks tactical, logistical, service and support resources mobilized by the Alaska incident dispatch coordination system. Statistics presented in this report are the resources requested by one of the fourteen Area/Zone Dispatch centers and processed through AICC. The resource ordering process and procedures may be found in chapter 20 of the National Mobilization Guide. The National Mobilization Guide can be found on the NICC web site (www.nifc.gov/news/nicc.html) under reference materials.

Disclaimer: These figures provide general reporting information and overall accuracy cannot be guaranteed. Any determinations, policy, or subsequent reports using this information should be done under consultation with appropriate experts.



2013

will be remembered as one of the shortest, but hottest summers on record. After a cold spring and snowy May, temperatures ramped up by June, and conditions stayed hot and dry until the end of August, with only a little precipitation. Fuel conditions reached near record dryness at some locations, spurring the issuance of three Fuels and Fire Behavior Advisories. Despite many record-setting hot temperatures, the stable high pressure kept thunderstorms at bay, and lightning to a minimum. The end of August heralded a cold and wet month, finally wetting fuels across the state.

With many comparisons between the hot, dry summers of 2004 and 2013, it seems that the lack of lightning, and therefore the lack of natural fire starts, is what kept the 2013 fire season from becoming catastrophic.

April

a cold spring

Fairbanks broke two daily low temperature records, and had nearly ten inches of snow, well above the normal amount of around three inches.

Ten new fires reported and 116.6 acres burned.

May

a month of extremes

Fairbanks broke three daily cold temperature records in May (13th, 18th, 20th), then a daily high temperature record on May 30th. This meant a temperature change from a low of 27°F on the morning of the 20th, to a high of 84°F on the afternoon of the 30th.

McGrath broke the high temperature record for May, hitting 86°F on the 29th, blowing out the old high of 83°F in 2011.

Flooding at Galena and Circle.

Late snowmelt! Anchorage melted out on May 3rd, the latest in over 40 years. Fairbanks melted out on May 11th, second latest meltout on record. Denali National Park melted out on May 25th, also second latest.

199 new fires reported and 2,227.2 acres burned.

June

high temperature records

Started off a little cool and damp for most of the state. Then, high pressure built into the state on the 11th for the remainder of the month. For many places, this was one of the five warmest Junes on record.

Many new daily high temperature records were set across the state!

Northway set record highs on four days this month; 90°F, the second highest temp ever recorded in Northway, was observed on June 27th. (91°F was observed in 1969.)

McGrath made it to 94°F, breaking old record of 90°F. Talkeetna observed 96°F, breaking old record of 91°F. Cordova and Valdez both reached 90°F.

Warmest week on record in Fairbanks was recorded June 24-30, averaging at 75.2°F; this broke the old record by almost half a degree. (Keep in mind Fairbanks weather records go back over 100 years!)

Fairbanks temperatures remained above 65°F from June 24-27, the longest time period that it remained that warm in over a century of data.

Rainfall was below normal statewide, with less than ¼ of normal falling in South Central.

45 fire numbers were issued on June 20th.

Comparing acres burned on June 22, 2013 to the same day in 2012:
344,349.5 acres to 286,887.

23 fire numbers were issued on June 26th.

285 new fires reported and 851,274.5 acres burned.

July

more records

The first week of July cooled down and brought a little precipitation, with a cold July 4th breaking low records at several stations in the Interior which reported into the 30s for overnight lows. (Bettles, Goldstream)

Then it got hot again, starting the second week of the month, for a long period of time.

Location made a big difference with showery precipitation: Denali Park's Eielson Visitor Center received 8.55" of rain in July, more than four times what the main Visitor Center/Head Quarters received!

123 new fires reported and 216,650.6 acres burned.

August

a rapid turnaround

Record highs were observed at the beginning of the month in the Interior. Fairbanks went 25 days with less than 0.02 inches of rain from July 21st to August 14th.

August 12th reached 92°F in Eagle, the latest date to reach into the 90s there. This was also the highest temperature recorded in Alaska this month.

The Panhandle started out setting high temperature records, 83°F on August 1st at Petersburg.

South Central started receiving more widespread wetting rains in the second week.

Record lows observed across the Interior by the last week. Bettles bottomed out at a new August low of 15°F on the last day of the month.

57 new fires reported and 250,043.4 acres burned.

September

winter is never far away

September 18th saw the first measurable snow of the season in Fairbanks...12 days earlier than normal. This defined the fourth shortest summer in Fairbanks, with snow off the ground from May 17th through September 18th.

Rain fell in Anchorage every day from August 27th through September 13th. These 18 consecutive days were the longest streak since September 1919.

15 new fires reported and 267.3 acres burned.

PL Levels

Alaska Preparedness Level rose to 4 on two separate occasions in July and August, totaling 17 days. The state was at PL 3 for 24 days and PL 2 for 52. The remaining 271 days were at PL 1.

Records

	Old	New	Normal
Fairbanks broke number of 80° and higher days in a summer	30 days (2004)	36 days	11 days
Fairbanks broke number of 85° and higher days in a summer	10 days (1987)	14 days	
Anchorage broke number of consecutive 70° and higher days	13 days (2004)	15 days	
Average high in Anchorage for June/July was 60.2°, the warmest on record, tying with 1977.			

4th warmest summer in Anchorage.

2nd warmest summer in Fairbanks.

5th warmest summer in Juneau.

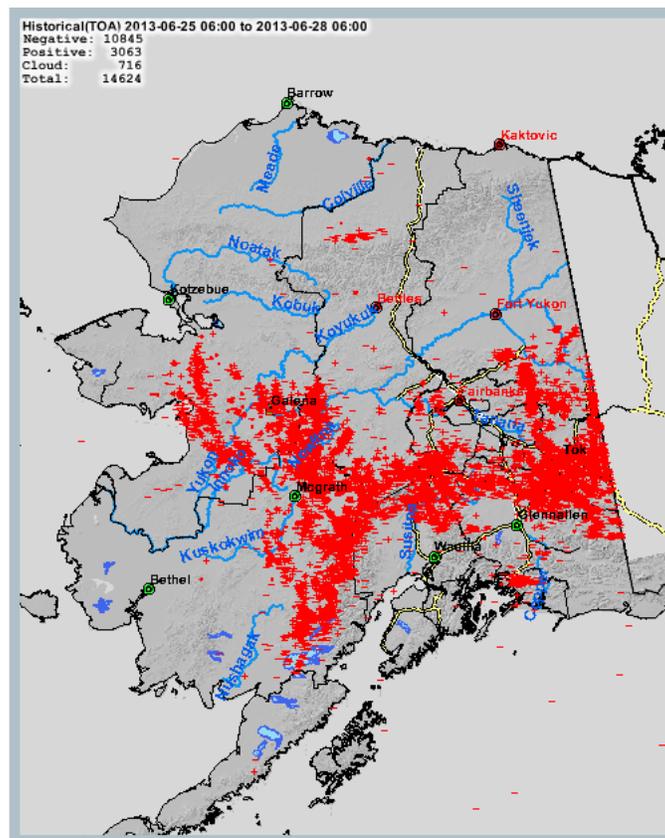
Lightning

Overall, not a big year, which may explain the fairly low acreage for such a hot, dry season.

First lightning occurred on 5/30.

Lack of thunderstorms over the Interior for June and July.

Busiest time frame was 6/25-28, with over 8,000 strikes on 6/26. Many of these strikes were farther south, setting up numerous fires in Southwest AK.



June 25 -28, 2013

7/29-31 saw a couple of days over 2,000 strikes.

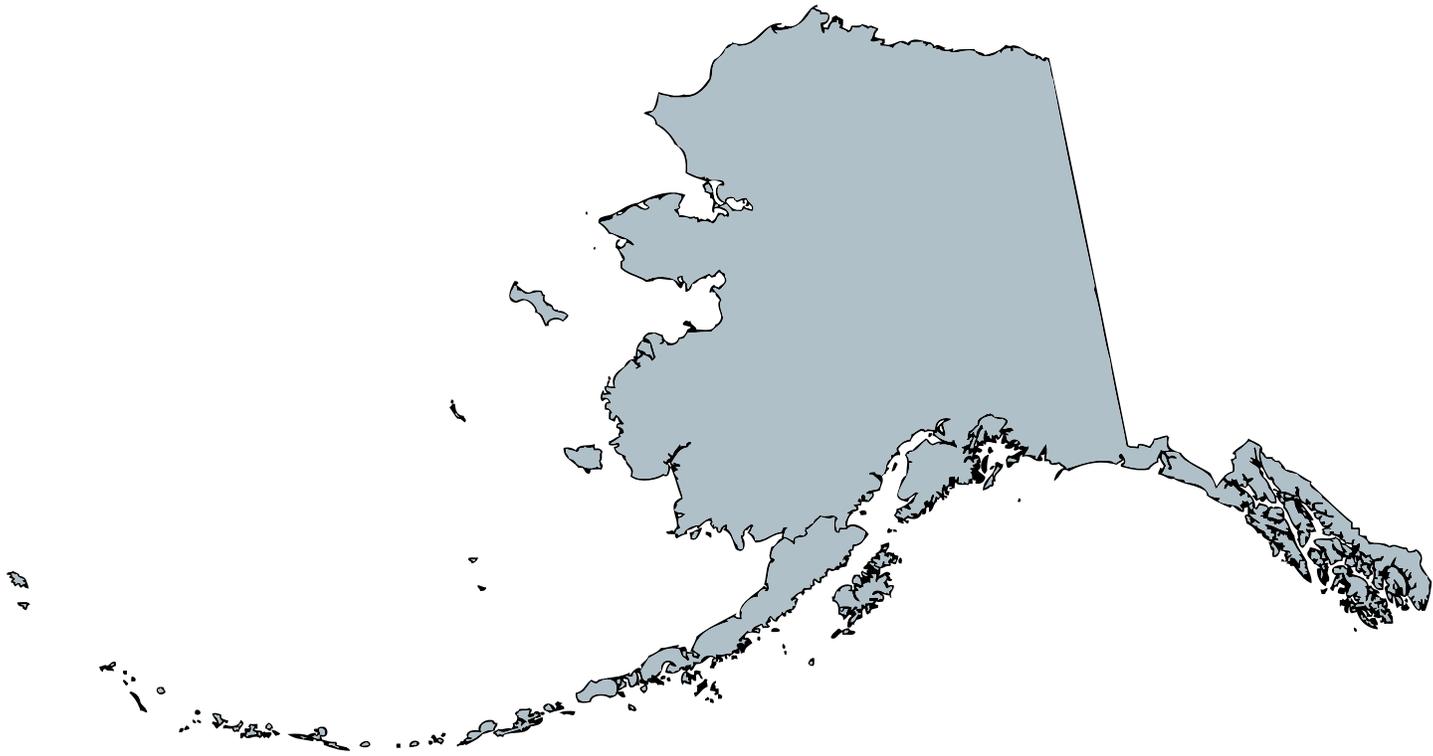
8/13-15 saw over 1,000 strikes each.

Statistics

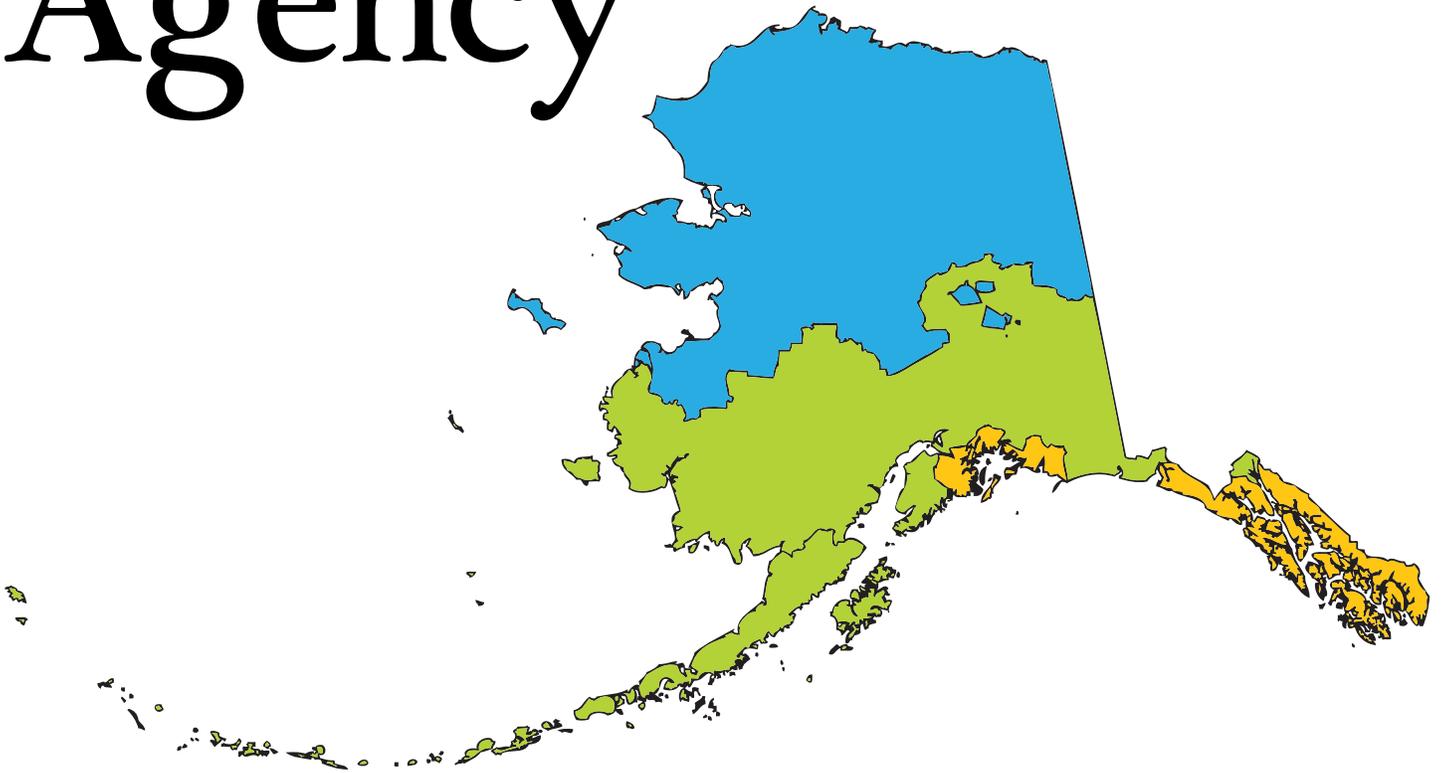
Alaska

613
fires

1,316,288.5
acres burned

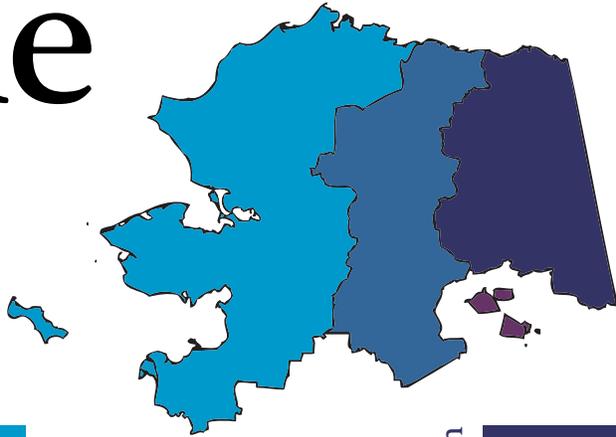


Numbers by Agency



Alaska Fire Service	138 fires	727,162.1 acres burned	State of Alaska	452 fires	589,122.7 acres burned	US Forest Service	23 fires	3.7 acres burned
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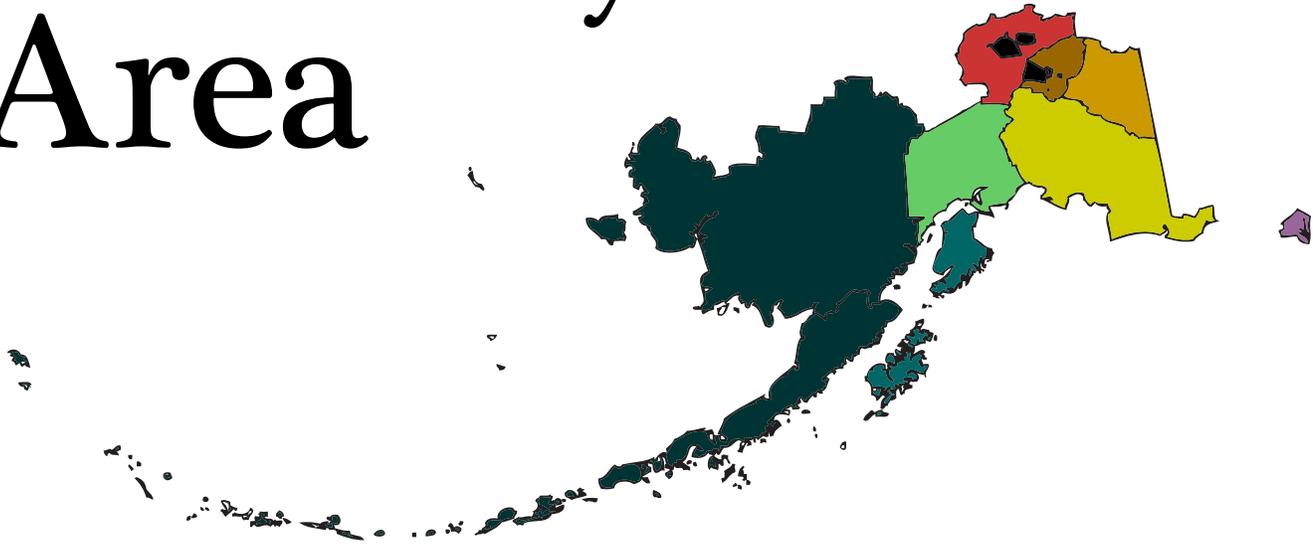
Numbers by Zone



Numbers by Forest



Numbers by Area



Numbers by Management Option

	Critical		Full		Modified		Limited	
	Fires	Acres	Fires	Acres	Fires	Acres	Fires	Acres
Galena			1	4,685.6	6	12,834.9	26	31,113.7
Military	6	1	15	79,093.3		42,541.8	6	33,218.4
Tanana	1	.1	1	13,425.5	1	4,473.5	34	406,870.9
Upper Yukon	1	.1	17	2,630.2	2	1,682.8	21	94,590.3
Chugach	3	.7	2	.8			1	.1
Tongass	2	.4	8	.8	2	.3	5	.6
Anchorage/Mat-Su	74	58.7	17	50.6	4	67.9	1	.1
Copper River	16	2.6	11	35.9	3	.8	14	7,944.3
Delta	24	7.4	2	1.5				
Fairbanks	86	224.4	13	2,424.4			8	2,191.4
Haines	3	.4	1	.1			1	.1
Kenai/Kodiak	72	16.7	6	35.4				
Southwest	1	80	12	36,195.1	13	98,050.5	27	318,754.3
Tok	10	8.4	16	3,514.5	1	33,421.4	16	86,035.8

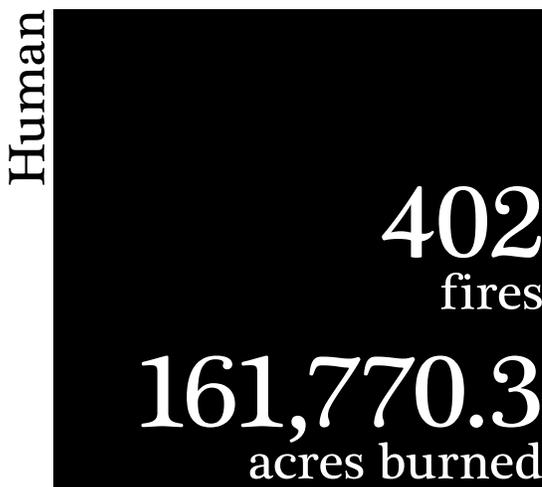
Critical
299
 fires
400.9
 acres burned

Full
122
 fires
142,093.7
 acres burned

Modified
32
 fires
980,720.0
 acres burned

Limited
160
 fires
193,073.9
 acres burned

Numbers by Cause



Detailed Cause Fires and Acres by Agency

	AFS		DOF		USFS		Total	
	Fires	Acres	Fires	Acres	Fires	Acres	Fires	Acres
Arson	2	0.4					2	0.4
Campfire	2	0.2	63	280.6	9	1.5	74	282.3
Children			6	2.2	1	0.1	7	2.3
Debris Burning			130	119.1	1	0.1	131	119.2
Equipment			33	3,333.6			33	3,333.6
Incendiary	18	154,601.2	3	0.6			21	154,601.8
Lightning	99	570,543.7	112	583,923.6			211	1,154,467.3
Miscellaneous			78	1,424.1			78	1,424.1
Natural Out	1	22.1	1	2.0			2	24.1
Smoking	1	14.8	4	0.5			5	15.3
Structure Fire					1	0.5	1	0.5
Trash Burn					1	0.1	1	0.1
Under Investigation					1	0.1	1	0.1
Undetermined	1	1.0	22	36.4	1	0.1	24	37.5
Unknown	13	1,978.5			8	1.2	21	1,979.7
Vehicle	1	0.2					1	0.2

Numbers by Fire Size Class

	Total		AFS		DOF		USFS	
	Fires	Acres	Fires	Acres	Fires	Acres	Fires	Acres
A	329	36.6	25	2.9	284	31.5	20	2.2
B	131	208.1	37	61.9	91	144.7	3	1.5
C	52	2,032.2	20	587.1	32	1,445.1	-	-
D	17	2,989.0	5	931.1	12	2,057.9	-	-
E	17	10,623.2	9	5,320.8	8	5,302.4	-	-
F	33	83,355.3	21	54,543.4	12	28,811.9	-	-
G	34	1,217,044.1	21	665,714.9	13	551,329.2	-	-

Size Class Defined:
A - one-fourth acre or less; **B** - more than one-fourth acre, but less than 10 acres;
C - 10 acres or more, but less than 100 acres; **D** - 100 acres or more, but less than 300 acres;
E - 300 acres or more, but less than 1,000 acres; **F** - 1,000 acres or more, but less than 5,000 acres; **G** - 5,000 acres or more

Fires over 1,000 Acres

Fire	Acres	Cause	Area/ Zone	Management Option	Discovered	Out
Lime Hills	201,808.20	Lightning	SWS	Limited	5/31/2013	8/27/2013
Moore Creek	157,747.30	Lightning	SWS	Limited	5/31/2013	8/27/2013
Stuart Creek 2	87,154.40	Human	MID	Limited	6/19/2013	12/31/2013
Mississippi	67,338.00	Human	MID	Limited	5/30/2013	12/31/2013
Beaver Log Lakes	64,416.10	Lightning	TAD	Limited	6/22/2013	10/1/2013
Prospect Creek	64,078.40	Lightning	TAD	Limited	6/20/2013	10/1/2013
Sandless Lake	62,318.40	Lightning	TAD	Limited	6/25/2013	10/1/2013
Sulatna River	48,078.10	Lightning	TAD	Limited	6/21/2013	9/6/2013
Chisana River	46,637.80	Lightning	TAS	Limited	5/31/2013	10/23/2013
Moving River	34,175.70	Lightning	TAD	Limited	6/22/2013	9/4/2013
Toklat River East	33,279.00	Lightning	TAD	Limited	6/26/2013	9/4/2013
Doestock Creek	29,099.10	Lightning	SWS	Limited	5/30/2013	6/28/2013
Little Mud	25,973.80	Lightning	TAD	Limited	6/24/2013	10/1/2013
Moon Lake	25,500.00	Lightning	TAS	Modified	6/25/2013	9/24/2013
Birch Creek	24,923.50	Lightning	UYD	Limited	7/3/2013	9/18/2013
North Porcupine	23,355.50	Lightning	UYD	Limited	6/29/2013	9/9/2013
Ray River 2	22,835.70	Lightning	TAD	Limited	6/20/2013	10/1/2013
Tetlin Jct Ridge	20,749.00	Lightning	TAS	Full	6/26/2013	10/14/2013
Siruk Creek	20,362.70	Lightning	TAD	Limited	6/21/2013	7/26/2013
Kristin Creek	16,746.80	Lightning	SWS	Limited	6/18/2013	7/23/2013
Chandalar	15,528.30	Lightning	UYD	Limited	6/23/2013	9/4/2013
Discovery Creek	13,473.80	Lightning	UYD	Limited	7/1/2013	9/4/2013
Billy Creek	13,383.00	Lightning	TAS	Limited	6/22/2013	9/24/2013
Bear Creek	13,179.80	Lightning	GAD	Modified	6/20/2013	7/22/2013
Castle Rocks	12,934.50	Lightning	TAD	Limited	7/6/2013	9/4/2013
Nikubuma Lake	12,852.90	Lightning	SWS	Limited	6/19/2013	7/13/2013
Shaktoolik River	11,699.50	Lightning	GAD	Modified	6/20/2013	8/1/2013
Nation River	11,311.30	Lightning	UYD	Limited	6/20/2013	9/9/2013
Big Timber Creek	8,617.00	Lightning	TAS	Limited	6/27/2013	9/24/2013
Ladue Fork	7,966.00	Lightning	TAS	Limited	6/25/2013	9/24/2013
Can Creek	6,590.10	Lightning	SWS	Modified	7/28/2013	8/27/2013
Excelsior	6,137.00	Lightning	CRS	Limited	6/27/2013	9/5/2013
Dead Fish Lake	6,106.70	Lightning	TAD	Limited	6/24/2013	9/4/2013
Old Woman River	5,121.80	Lightning	GAD	Limited	6/20/2013	6/26/2013
Gagaryah 2	4,733.00	Lightning	SWS	Limited	7/30/2013	8/12/2013
McKinley River East	4,441.60	Lightning	TAD	Limited	6/28/2013	9/4/2013
Joint Lake	4,334.50	Lightning	UYD	Limited	6/29/2013	9/9/2013
Whitefish Lake	4,310.20	Lightning	SWS	Limited	7/28/2013	8/25/2013
Hammer Creek	4,265.90	Lightning	GAD	Limited	6/27/2013	7/9/2013
Sethkokna	3,990.20	Lightning	TAD	Limited	8/2/2013	9/6/2013
Titna	3,857.00	Lightning	TAD	Limited	6/27/2013	7/25/2013
Big Salt	3,824.20	Lightning	TAD	Limited	6/20/2013	7/23/2013
Chitanana	3,630.30	Lightning	TAD	Limited	8/3/2013	9/6/2013
Bear Creek	3,530.20	Lightning	TAD	Limited	6/21/2013	9/4/2013
Hoholitna	2,829.30	Lightning	SWS	Limited	6/26/2013	7/23/2013
Timber Creek	2,602.30	Lightning	TAD	Limited	6/20/2013	9/6/2013
Ridge Top	2,468.00	Lightning	GAD	Modified	6/20/2013	6/23/2013
Chulitna	2,446.90	Lightning	SWS	Limited	6/19/2013	7/13/2013
Nuyakuk River	2,411.00	Lightning	SWS	Limited	7/28/2013	8/12/2013
South Fork	2,290.40	Lightning	GAD	Limited	6/23/2013	7/10/2013
Bitter Creek	2,256.10	Lightning	TAS	Full	5/31/2013	7/10/2013
West Fork	2,243.50	Lightning	TAD	Limited	7/13/2013	8/31/2013
Takotna River	2,023.70	Lightning	SWS	Limited	5/31/2013	6/23/2013
Currant Creek	1,868.50	Lightning	SWS	Limited	6/26/2013	8/25/2013
Kanuti River 1	1,823.40	Lightning	TAD	Limited	6/20/2013	7/23/2013
Skinny's Road	1,806.00	Human	FAS	Full	6/25/2013	9/24/2013
Crater Creek	1,634.00	Human	UYD	Full	8/4/2013	9/5/2013
Innoko 1	1,542.10	Lightning	GAD	Limited	6/28/2013	7/9/2013
Koness	1,533.00	Lightning	UYD	Limited	7/15/2013	9/4/2013
Archimedes	1,500.00	Lightning	GAD	Limited	6/20/2013	7/10/2013
Awuna River 1	1,500.00	Lightning	GAD	Limited	6/20/2013	7/10/2013
Tabert Lake	1,489.00	Lightning	CRS	Limited	7/31/2013	9/5/2013
Caribou Creek	1,436.00	Human	FAS	Full	8/11/2013	9/24/2013
Main Creek	1,267.80	Lightning	GAD	Limited	7/13/2013	8/26/2013
Selatna River	1,211.10	Lightning	SWS	Limited	8/1/2013	8/12/2013
Colville	1,200.00	Lightning	GAD	Limited	6/20/2013	7/10/2013
Big Fish Lake	1,064.50	Lightning	UYD	Limited	7/15/2013	7/22/2013

Numbers by ICS 209's

The Incident Status Summary, also known as the "209" is used for reporting specific information on incidents of significance. The report is a critical interagency incident reporting tool giving daily snapshots' of the wildland fire management situation and individual incident information which include cost, critical resource needs, fire behavior, size, etc. In conjunction with other sources of information, the information included on the 209 is used by managers to determine the priority of an incident and allocation of scarce resources.

A 209 is required for any fire staffed with 17 or more individuals or is 300 acres in grass or 100 acres in timber.

95 fires completed
209s

Initial Strategy Reported

56 Monitor

12 Point Zone Protection

3 Confine

24 Full Suppression

14 fires changed strategy

Stuart Creek #2...Confine--Full
Tetlin Jet Ridge...Confine--Monitor--Full--Confine
Gold Mine...Full--Monitor
Julie Creek...Full--Monitor
Moon Lake...Full--Confine
Lime Hills...Monitor--Full--Monitor--Full--Point--Monitor
Kristin Creek...Monitor--Point--Monitor
Beaver Log Lakes...Monitor--Point--Monitor
Moore Creek...Point...Monitor
Qguohaydok...Point--Full
Moving River...Point--Monitor
Hoholitna...Point--Monitor
North Porcupine...Point--Monitor
Birch Creek...Point--Monitor

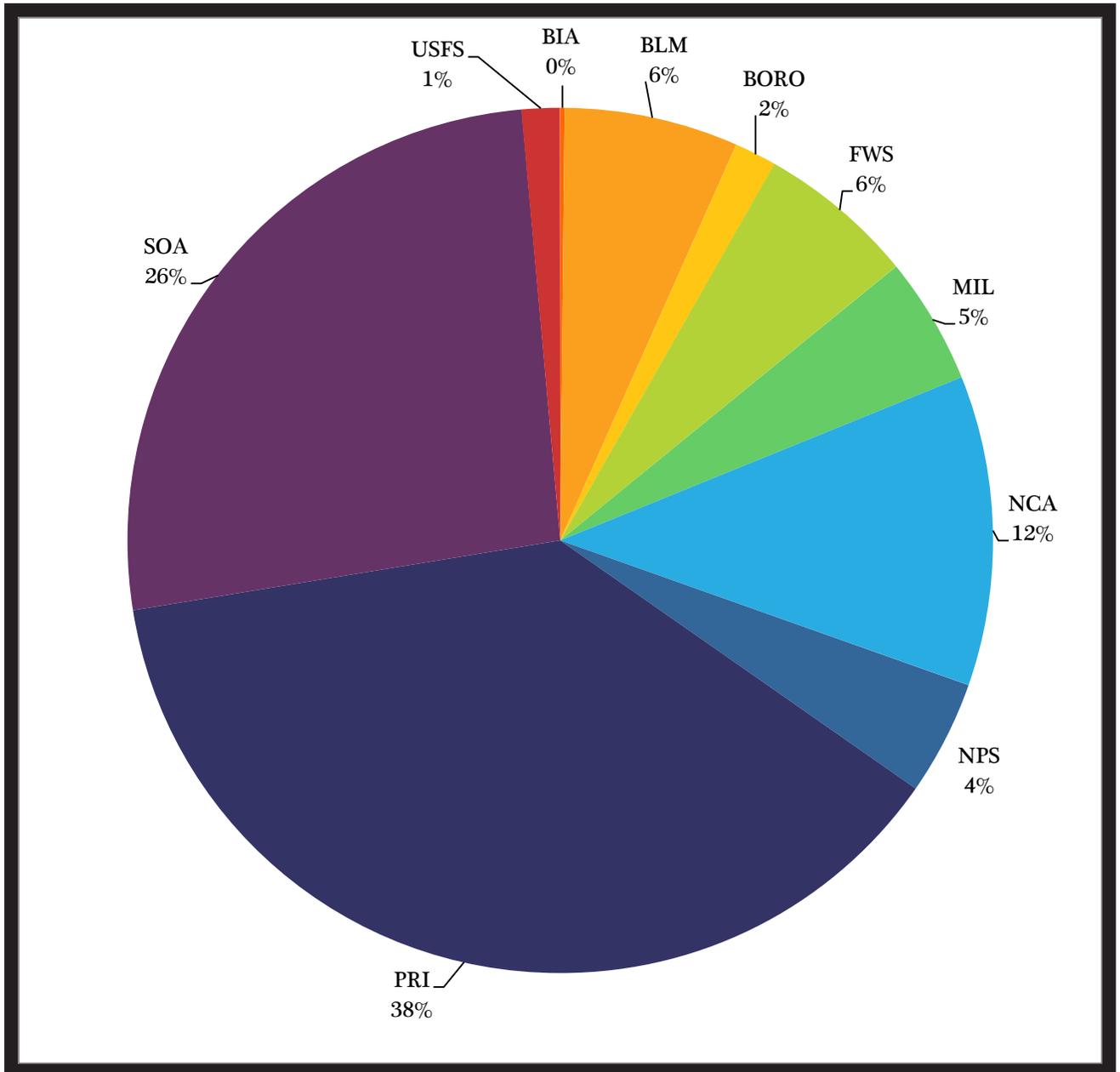
Numbers by Landowner

		Critical	Full	Modified	Limited	Total
Bureau of Indian Affairs	fires		1			1
	acres		9.2		456	465.3
Bureau of Land Management	fires		1	8	26	35
	acres		0.1	30,414.5	378,208.2	408,622.8
Borough	fires	10				10
	acres	2.4				2.4
Fish and Wildlife Service	fires		8		27	35
	acres		1,107.4		107,109.3	108,216.7
Military Lands	fires	7	16		5	28
	acres	82.3	7.4		97,533.5	97,623.2
Native Claims Act Lands	fires	23	34	9	7	73
	acres	867.8	8,244.7	3,947.1	57,970.5	71,030.1
National Park Service	fires				26	26
	acres				169,018.6	169,018.6
Private	fires	217	20	1		238
	acres	579.0	281.5	0.1	1,438.3	2,298.9
State of Alaska	fires	42	39	13	64	158
	acres	745.8	20,064.3	24,738.5	413,460.8	459,009.4
U.S. Forest Service	fires		3	1	5	9
	acres		0.3	0.2	0.6	1.1
Total Fires	fires	299	122	32	160	613
Total Acres Burned	acres	2,277.3	29,714.9	447,822.7	811,735.1	1,316,288.5

Number of fires is based on ownership and management option at point of origin. Acreage shown is actual acres burned by owner and management option, i.e. fires that burned on multiple ownerships are counted as fires based on the ownership at point of origin, but the acreage burned is divided and shown based on the owner where the acres burned.

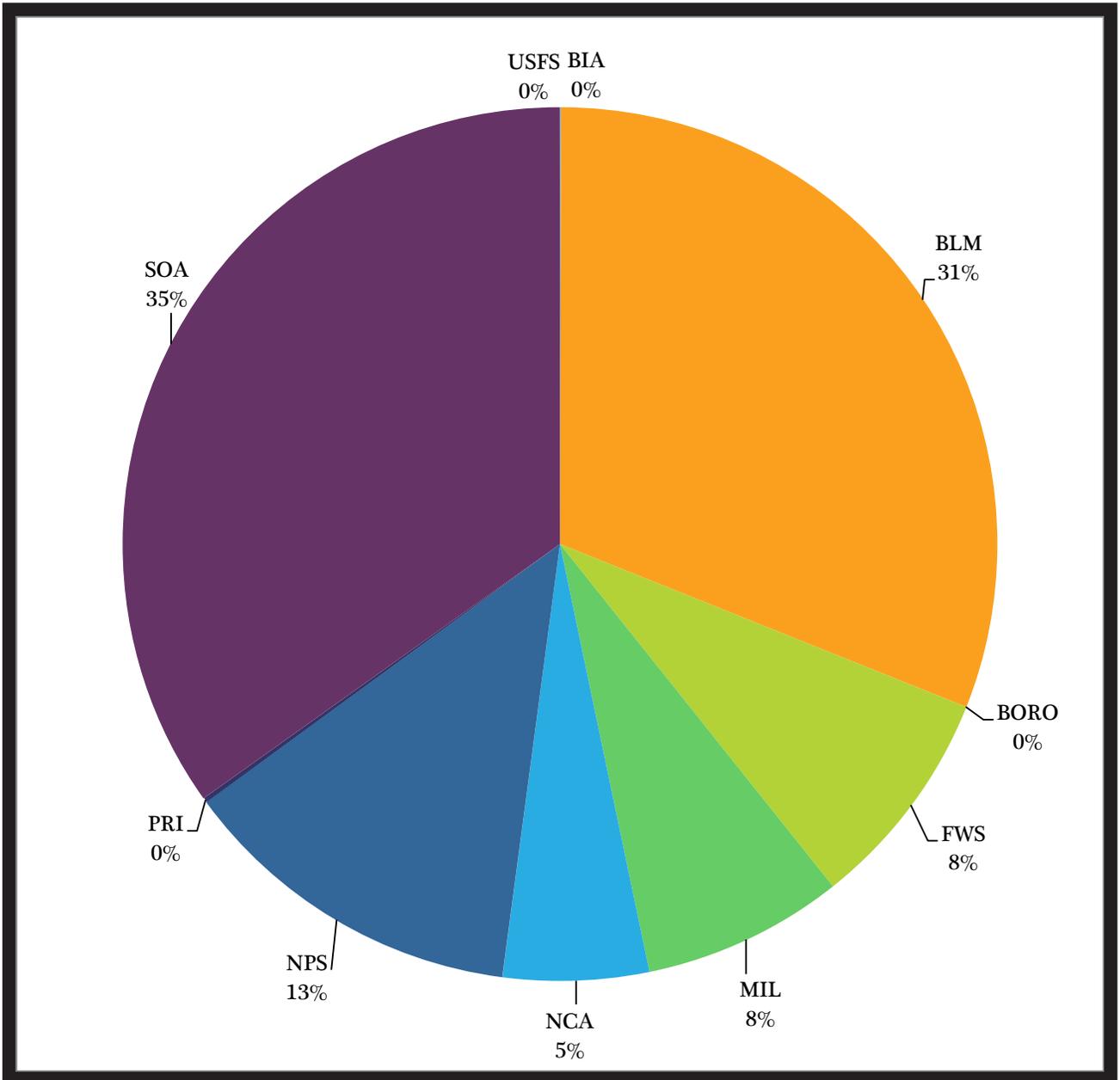
Fires

Bureau of Indian Affairs (BIA)	1
Bureau of Land Management (BLM)	41
Borough (BORO)	10
Fish and Wildlife Service (FWS)	37
Military (MIL)	30
Native Claims Act Land (NCA)	73
National Park Service (NPS)	27
Private (PRI)	238
State of Alaska (SOA)	165
United States Forest Service (USFS)	9



Acres

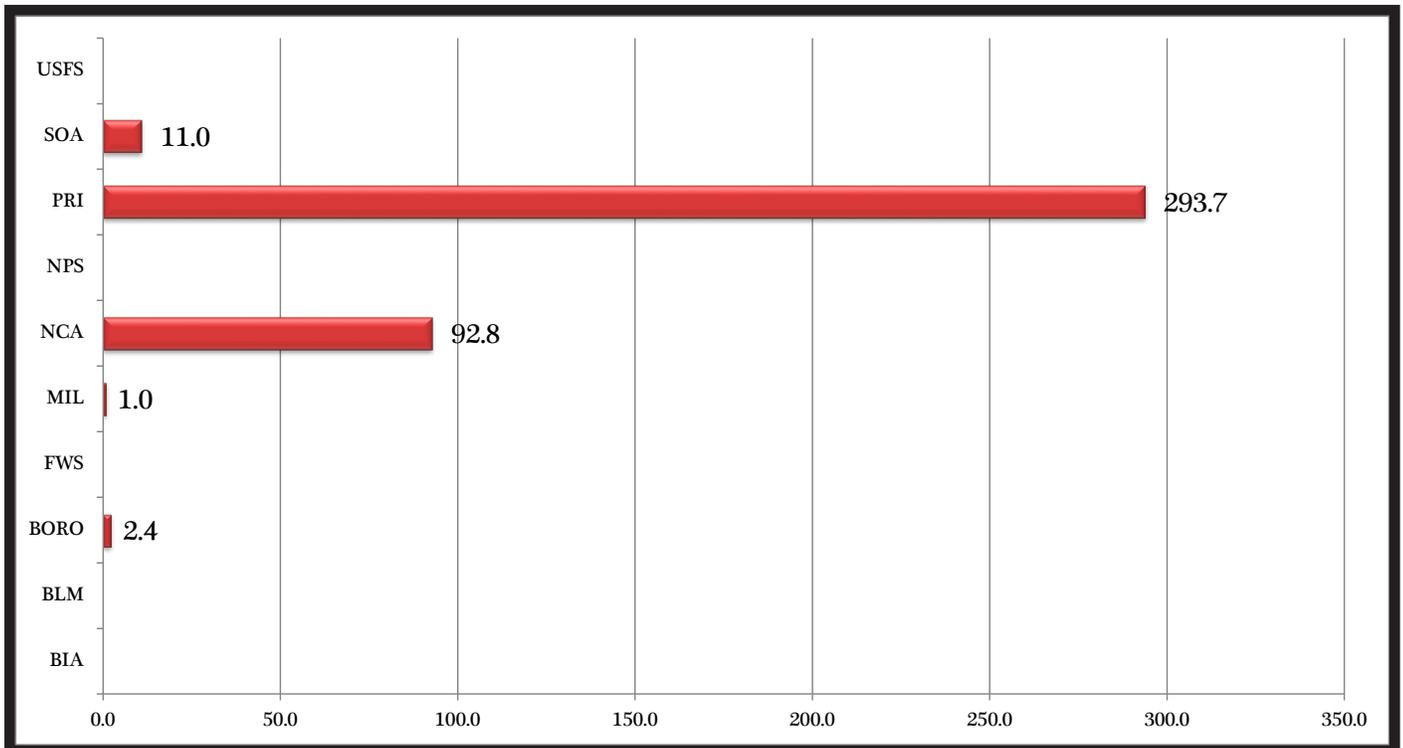
Bureau of Indian Affairs (BIA)	465.3
Bureau of Land Management (BLM)	408,622.8
Borough (BORO)	2.4
Fish and Wildlife Service (FWS)	108,216.7
Military (MIL)	97,623.2
Native Claims Act Land (NCA)	71,030.1
National Park Service (NPS)	169,018.6
Private (PRI)	2,298.9
State of Alaska (SOA)	459,009.4
United States Forest Service (USFS)	1.1



A Critical Acres

Critical Protection - suppression action provided on a wildland fire that threatens human life, inhabited property, designated physical developments and structural resources such as those designated as National Historic Landmarks. The suppression objective is to provide complete protection to identified sites and control the fire at the smallest acreage reasonably possible. The allocation of suppression resources to fires threatening critical sites is given the highest priority.

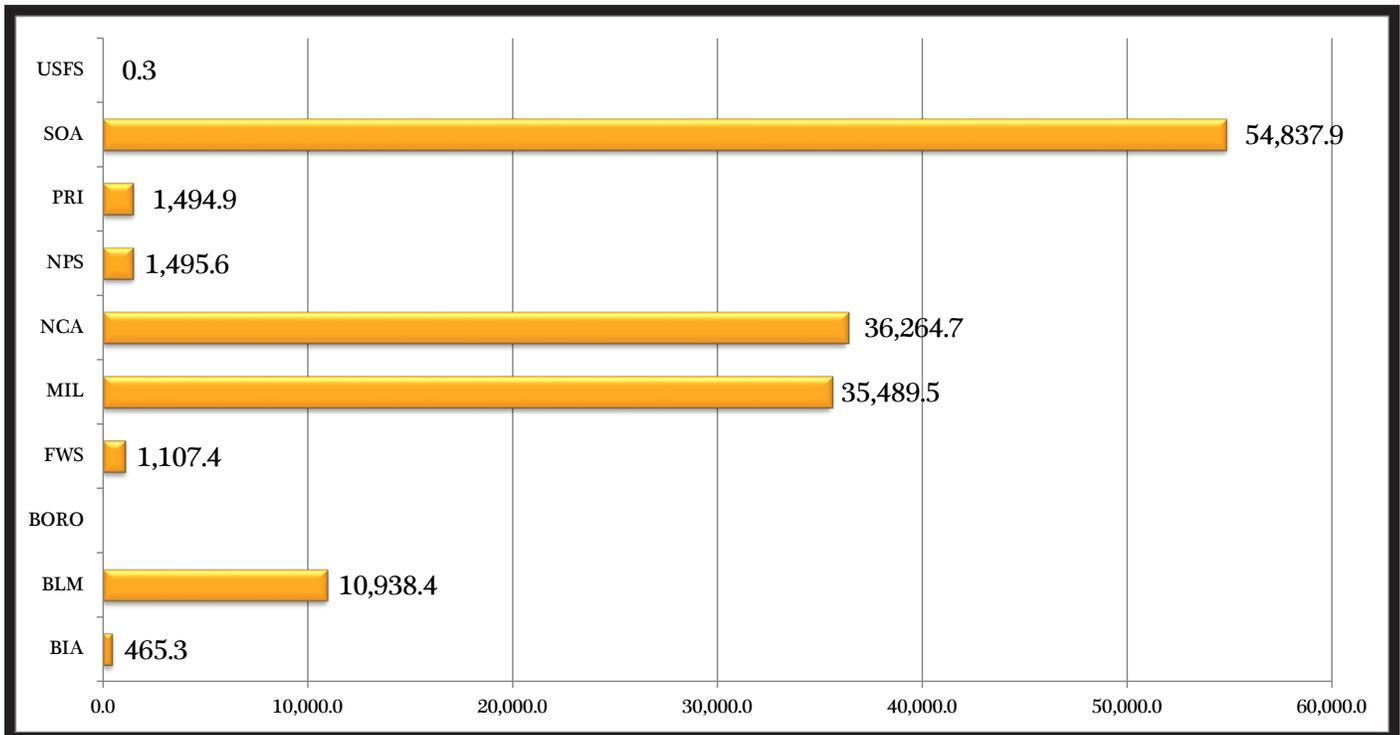
Bureau of Indian Affairs (BIA)	0
Bureau of Land Management (BLM)	0
Borough (BORO)	2.4
Fish and Wildlife Service (FWS)	0
Military (MIL)	1
Native Claims Act Land (NCA)	92.8
National Park Service (NPS)	0
Private (PRI)	293.7
State of Alaska (SOA)	11
United States Forest Service (USFS)	0



Full Acres

Full Protection - suppression action provided on a wildland fire that threatens uninhabited private property, high-valued natural resource areas, and other high-valued areas such as identified cultural and historical sites. The suppression objective is to control the fire at the smallest acreage reasonably possible. The allocation of suppression resources to fires receiving the full protection option is second in priority only to fires threatening a critical protection area.

Bureau of Indian Affairs (BIA)	465.3
Bureau of Land Management (BLM)	10,938.4
Borough (BORO)	0
Fish and Wildlife Service (FWS)	1,107.4
Military (MIL)	35,489.5
Native Claims Act Land (NCA)	36,264.7
National Park Service (NPS)	1,495.6
Private (PRI)	1,494.9
State of Alaska (SOA)	54,837.9
United States Forest Service (USFS)	.3

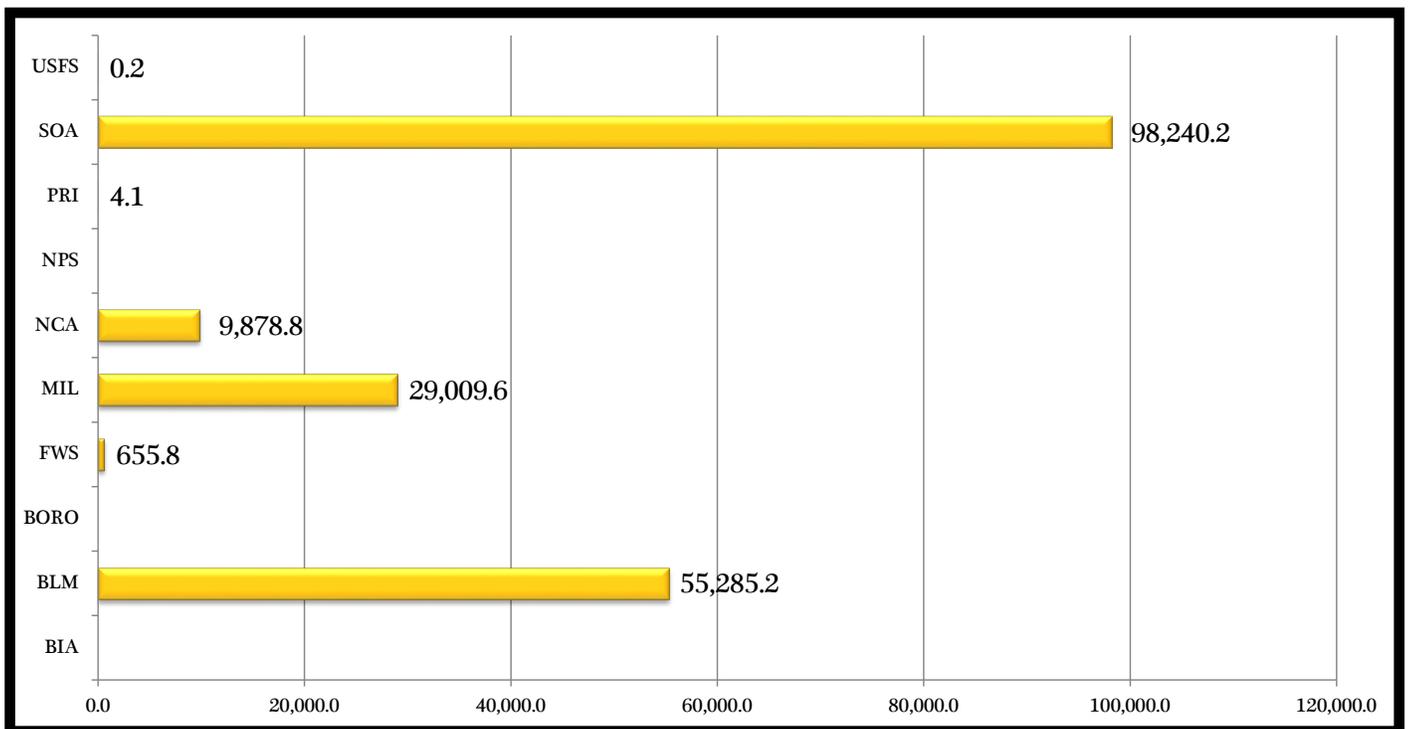


A Modified Acres

Modified Protection - suppression action provided on a wildland fire in areas where values to be protected do not justify the expense of full protection. The suppression objective is to reduce overall suppression costs without compromising protection of higher-valued adjacent resources.

The allocation of suppression resources to fires receiving the modified protection option is of a lower priority than those in critical and full protection areas. A higher level of protection may be given during the peak burning periods of the fire season than early or late in the fire season.

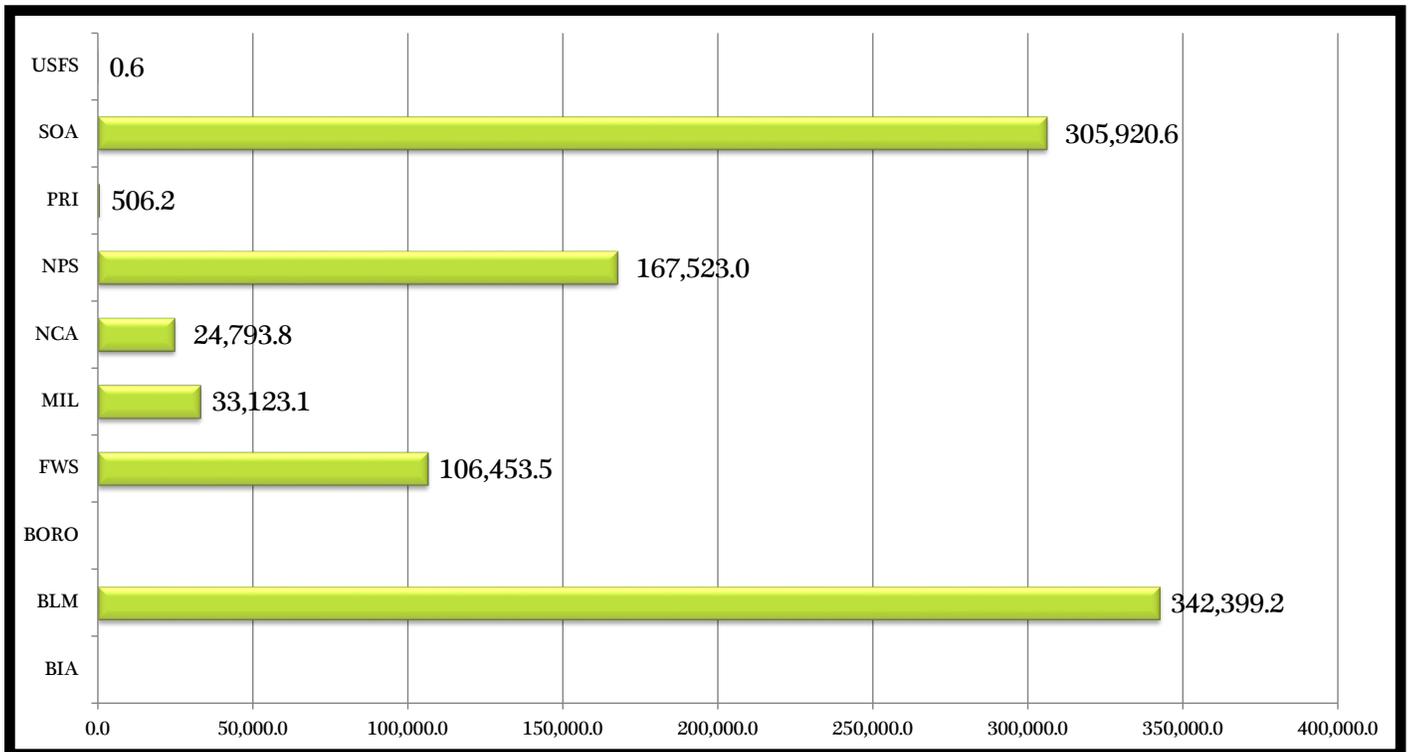
Bureau of Indian Affairs (BIA)	0
Bureau of Land Management (BLM)	55,285.2
Borough (BORO)	0
Fish and Wildlife Service (FWS)	655.8
Military (MIL)	29,0009.6
Native Claims Act Land (NCA)	9,878.8
National Park Service (NPS)	0
Private (PRI)	4.1
State of Alaska (SOA)	198,240.2
United States Forest Service (USFS)	.2



A Limited Acres

Limited Protection - lowest level of suppression action provided on a wildland fire in areas where values to be protected do not justify the expense of a higher level of protection, and where opportunities can be provided for fire to help achieve land and resource protection objectives. The suppression objective is to minimize suppression costs without compromising protection of higher-valued adjacent resources. The allocation of suppression resources to fires receiving the limited protection option is of the lowest priority. Surveillance is an acceptable suppression response as long as higher valued adjacent resources are not threatened.

Bureau of Indian Affairs (BIA)	0
Bureau of Land Management (BLM)	342,399.2
Borough (BORO)	0
Fish and Wildlife Service (FWS)	106,453.5
Military (MIL)	33,123.1
Native Claims Act Land (NCA)	24,793.8
National Park Service (NPS)	2167,523.0
Private (PRI)	506.2
State of Alaska (SOA)	305,920.6
United States Forest Service (USFS)	.6



Numbers by
**Administrative
Unit**



Bureau of Land Management

	Critical	Full	Modified	Limited	Total
Anchorage District Office fires				1	1
acres		10,938.3	54,332.0	168,430.8	233,701.1
Fairbanks District Office fires		1	3	34	38
acres		0.1	953.2	173,968.4	174,921.7

Fish and Wildlife Service

Refuge		Critical	Full	Modified	Limited	Total
Arctic	fires				6	6
	acres				25,991.2	25,991.2
Innoko	fires		1		5	6
	acres		20.0		6,387.6	6,407.6
Kanuti	fires				1	1
	acres				5,525.3	5,525.3
Kenai	fires		3			3
	acres		1.2			1.2
Koyukuk	fires				2	2
	acres				466.0	466.0
Nowitna	fires		1		3	4
	acres		0.1		27,717.7	27,717.8
Selawik	fires				1	1
	acres				150.4	150.4
Yukon Delta	fires		2			2
	acres		1,068.1			1,068.1
Yukon Flats	fires		1	1	9	11
	acres		18.0	655.8	28,793.7	29,467.5
Tetlin	fires				7	7
	acres				11,421.6	11,421.6

Native Claims Act Lands

Native Corporation/ Village		Critical	Full	Modified	Limited	Total
AHTNA	fires	8	5	1	0	14
	acres	1.0	32.9	0.1		34.0
Village of Birch Creek	fires		1			1
	acres		3.0			3.0
Calista	fires			1	1	2
	acres			2,840.5	3.6	2,844.1
Chalkyitsik	fires	1				1
	acres	0.1				0.1
Chitina	fires	1				1
	acres	0.1				0.1
CIRI	fires	4	2			6
	acres	0.5	39.1			39.6
Village of Crooked Creek	fires		2			2
	acres		22.7			22.7
Doyon	fires		4	4	11	19
	acres		2,263.4	4,549.6	24,132.5	30,945.5
Gwitchyaazhee	fires		1			1
	acres		28.2			28.2
Koniag	fires	1				1
	acres	0.1				0.1
Lime Villlage	fires		2	2	1	5
	acres		29,245.90	319.20	0.40	29,565.5
McGrath et al	fires		2			2
	acres		7.6			7.6
NCA (undefined)	fires	3	3	2		8
	acres	86.9	19.9	15.1		121.9
Nenana	fires		1			1
	acres		775			775
Northway	fires	1				1
	acres	0.4				0.4
Shungnak	fires			1		1
	acres			14.8		14.8
Tanacross	fires	2	2			4
	acres	1.6	63.4			65.0
Tanana	fires	1				1
	acres	0.1				0.1
Tetlin	fires	1	6	2		9
	acres	2.0	1,189.8	2,107.7		3,299.5
Togothele	fires		1			1
	acres		0.7			0.7
Unalakleet	fires			1		1
	acres			31.8		31.8
Venetie	fires		10		1	11
	acres		2,573.1		657.3	3,230.4



National Park Service

National Park/Preserve	Critical	Full	Modified	Limited	Total
Denali fires acres		3 1,495.6		18 116,621.4	21 118,117.0
Gates of the Arctic fires acres					
Katmai fires acres				1 240.0	1 240.0
Kobuk Valley fires acres					
Lake Clark fires acres				3 14,782.7	3 14,782.7
Noatak fires acres				7 546.2	7 546.2
Wrangell-St.Elias fires acres				6 35,355.5	6 35,355.5
Yukon Charlie fires acres					

State of Alaska

		Critical	Full	Modified	Limited	Total
Alaska Railroad	fires	3				3
	acres	1.1				1.1
City/Borough*	fires	10				10
	acres	2.4				2.4
Department of Transportation	fires	6	6			12
	acres	1.3	2.1			3.4
Forestry	fires		5		4	9
	acres		4.5		54.1	58.6
Land & Water	fires	28	30	20	60	138
	acres	7.9	54,830.8	98,240.2	305,866.5	458,945.4
Parks	fires	4	1			5
	acres	0.7	0.1			0.8
University	fires					
	acres					
Mental Health	fires					
	acres					

*includes Borough within State Ownership

U.S. Forest Service

		Critical	Full	Modified	Limited	Total
Chugach National Forest	fires		1		1	2
	acres		0.1		0.1	0.2
Tongass National Forest	fires		2	1	4	7
	acres		0.2	0.2	1	0.9

Numbers by Comparison

All Agencies		2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Human	Fires	402	273	377	358	331	292	298	251	310	426
	Acres	161,770.3	33,813.1	25,235.2	107,029.1	56,720.8	42,857.9	205,695.5	132,772.4	182,841.9	17,788.3
Lightning	Fires	211	143	138	333	196	75	211	57	314	275
	Acres	1,154,518.2	253,074.8	267,782.8	1,018,707.8	2,894,872.1	60,791.5	443,715.9	133,496.4	4,480,977.3	6,572,352.1
TOTALS	Fires	613	416	515	691	527	367	509	308	624	701
	Acres	1,316,288.5	286,887.9	293,018.0	1,125,736.9	2,951,592.9	103,649.4	649,411.4	266,268.8	4,663,819.2	6,590,140.4
Percentages	Human	66%	66%	73%	52%	63%	80%	59%	81%	50%	61%
	Lightning	34%	34%	27%	48%	37%	20%	41%	19%	50%	39%

10 Years: 2013 ranked #4 for acres burned and fires started.

5 Years: 2013 ranked #2 for acres burned and fires started.

Alaska Fire Service		2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Human	Fires	39	25	38	63	40	77	81	31	29	28
	Acres	156,569.5	16,814.7	1,030.7	11,390.4	38,841.2	38,665.4	115,456.6	289.2	143,834.1	10,004.7
Lightning	Fires	99	109	94	268	112	31	135	17	190	201
	Acres	570,592.60	243,473.4	146,143.1	845,245.8	1,787,734.9	56,454.6	397,976.5	95,028.7	3,798,887.3	4,478,046.0
TOTALS	Fires	138	134	132	331	152	108	216	48	219	229
	Acres	727,162.1	260,288.1	147,173.8	856,636.2	1,826,576.1	95,120.0	513,433.1	95,317.9	3,942,721.4	4,488,050.7
Percentages	Human	28%	19%	29%	19%	26%	71%	38%	65%	13%	12%
	Lightning	72%	81%	71%	81%	74%	29%	63%	35%	87%	88%

10 Years: 2013 ranked #5 for acres burned and #4 for fires started.

5 Years: 2013 ranked #3 for acres burned and fires started.

State of Alaska		2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Human	Fires	340	25	38	63	40	77	81	31	29	28
	Acres	5,197.1	16,814.7	1,030.7	11,390.4	38,841.2	38,665.4	115,456.6	289.2	143,834.1	10,004.7
Lightning	Fires	112	109	94	268	112	31	135	17	190	201
	Acres	583,925.60	243,473.4	146,143.1	845,245.8	1,787,734.9	56,454.6	397,976.5	95,028.7	3,798,887.3	4,478,046.0
TOTALS	Fires	452	134	132	331	152	108	216	48	219	229
	Acres	589,122.7	260,288.1	147,173.8	856,636.2	1,826,576.1	95,120.0	513,433.1	95,317.9	3,942,721.4	4,488,050.7
Percentages	Human	75%	19%	29%	19%	26%	71%	38%	65%	13%	12%
	Lightning	25%	81%	71%	81%	74%	29%	63%	35%	87%	88%

10 Years: 2013 ranked #4 for acres burned and #1 for fires started.

5 Years: 2013 ranked #2 for acres burned and #1 for fires started.

US Forest Service		2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Human	Fires	23	13	27	28	42	5	9	11	57	68
	Acres	3.7	1.6	4.9	4.7	21.1	0.7	2.2	7.7	338.7	15.5
Lightning	Fires				2	3				2	12
	Acres				7.6	0.7				14.6	7.7
TOTALS	Fires	23	13	27	30	45	5	9	11	59	80
	Acres	3.7	1.6	4.9	12.3	21.8	0.7	2.2	7.7	353.3	23.2
Percentages	Human	100%	100%	100%	93%	93%	100%	100%	100%	97%	85%
	Lightning	0%	0%	0%	7%	7%	0%	0%	0%	3%	15%

10 Years: 2013 ranked #7 for acres burned and #6 for fires started.

5 Years: 2013 ranked #4 for acres burned and fires started.

Resources

Smokejumpers

146

Jumpers Utilized
by Area/Zone

SWS - 166
UYD - 140
TAD - 90
TAS - 40
MID - 35
FAS - 31
GAD - 26
MSS - 6
CRS - 2

543
Fire Jumps

AFS - 49 missions
STATE - 35 missions

84
Missions

AFS - 114,637 lbs dropped
STATE - 41,601 lbs dropped

58
Paracargo
Missions

Zone/Area	Overhead	Fires
MID	827	4
TAS	814	8
SWS	460	10
UYD	327	15
FAS	261	13
TAD	74	9
GAD	33	6
KKS	32	6
CRS	25	4
DAS	23	4
MSS	8	4
TNF	1	1

1,456 orders filled by Alaskans
 1,015 orders filled from Lower 48

119 Alaskan Overhead went to
 the Lower 48

*Total overhead orders filled
 includes wildland fire incidents,
 in support of..., prescribed fires,
 preparedness/preposition orders,
 and severity.

3,642
 Overhead
 orders filled

91
 UTF'd

84
 2 Type 1 Fires
1 Teams

4 Type 2
1 Teams

13 Type 3
1 Teams/IC

26 Type 2 IA Crews

Days Assigned

Gannet Glacier - 79
Tanana Chiefs - 94
USFS R10 - 20
White Mountain - 77
Yukon - 85

Alaska Type 2 IA/2 Agency Crews

Gannet Glacier - assigned to 6 fires in Alaska

Tanana Chiefs - assigned to 9 fires in Alaska

USFS R10 - assigned to 4 fires in Alaska

White Mountain - assigned to 7 fires in Alaska

Yukon - assigned to 6 fires in Alaska

North Stars - (T2) assigned to 7 fires in Alaska

All five Type 2IA crews went to the Lower 48 the latter part of August

Lower 48 Type 2 IA Crews

21 crews were assigned and utilized by 7 incidents

12 Hotshot Crews

Days Assigned

Chena - 81
Midnight Sun - 82
Pioneer Peak - 65

Alaska Hotshot Crews

Chena - assigned to 11 fires in Alaska

Midnight Sun - assigned to 6 fires in Alaska

Pioneer Peak - assigned to 8 fires in Alaska

All three crews went to the Lower 48 the latter part of August

Lower 48 Hotshot Crews

9 crews were assigned in late June and utilized by 11 incidents

50 Type 2 EFF Crews

16 made it out one time

24 made it out two times

9 made it out three times

1 made it out five times

Stebbins #1 assigned for the fewest number of days at 4

Upper Tanana #1 assigned for the most days at 66

10 crews assigned to Lower 48 fires

96 total assignments

1,216 aggregate days on assignment

Crew	Days	Times Used	Fires	Lower 48
Allakaket # 1	22	2	2	
Allakaket # 2	29	2	2	R-5
Ambler	13	1	1	
Arctic Village	18	1	4	
Beaver/Stevens Village	16	2	2	
Buckland	13	1	1	
Chevak # 1	26	2	2	R-5
Chevak # 2	23	2	2	
Delta # 1	15	1	1	
Delta # 2	14	1	1	
Fairbanks # 1	31	3	3	
Fairbanks #2	39	3	8	
Fort Yukon # 1	40	3	6	
Fort Yukon # 2	22	2	2	
Grayling	15	1	1	
Holy Cross	27	2	2	
Hooper Bay # 2	27	2	4	
Hughes	44	3	4	R-5
Huslia # 2	46	3	5	R-5
Kaltag #1	16	1	1	
Kenai	12	1	1	
Koyuk	13	1	1	
Koyukuk	38	3	5	R-5
Lower Kalskag	23	2	4	
Marshall	24	2	2	
Mat-Su	25	3	3	
Minto # 1	24	2	2	
Mt. Village	27	2	2	
Nikolai	9	1	1	
Nondalton # 1	29	2	2	R-5
Nondalton # 2	17	1	3	
Noorvik # 1	11	1	2	
Noorvik # 2	6	1	1	
Nulato # 1	27	2	2	
Nulato # 2	30	2	2	
Pilot Station	23	2	3	
Ruby	36	3	3	R-5
Scammon Bay	18	2	2	
Selawik # 2	21	2	2	
Selawik #1	11	1	1	
Shageluk	24	2	2	
St. Michael	24	2	3	
St.Marys	33	2	2	R-5
Stebbins # 1	4	1	1	
Stebbins # 2	34	3	3	R-5
Tanana # 1	29	2	2	
Upper Kalskag	32	2	2	R-5
Upper Tanana # 1	66	5	6	
Upper Tanana # 2	21	1	2	
Venetie # 2	29	2	4	

July 4 75 Aircraft

- 5 - Smokejumper
- 12 - Air Tactical
- 6 - Air Tankers
- 8 - Scoopers
- 9 - Utility
- 35 - Helicopters*
- *3 - Type 1
- *3 - Army Type 1
- *17 - Type 2
- *12 - Type 3
- 2 - TFRs

July 17 41 Aircraft

- 3 - Smokejumper
- 6 - Air Tactical
- 3 - Air Tankers
- 5 - Scoopers
- 6 - Utility
- 18 - Helicopters*
- *1 - Type 1 (o/s)
- *9 - Type 2
- *8 - Type 3
- 8 - TFRs

Ranged from Type 1 to Type 7

75 Aircraft at peak

1,700,000

gallons of water the Scoopers dropped

818,684

gallons of retardant the Tankers dropped
(410 Airtanker loads)

222 Engine orders filled

To Alaska

Alberta

6 CL215Ts
2 Bird Dogs

British
Columbia

1 L88
1 Citation
Rap Attack (T2 Helicopter
with Rappel Crew)
2 Overhead

Saskatchewan

1 Overhead

Yukon

1 Overhead

Oregon

Type 2 Team
9 Overhead

Washington

2 Overhead

Idaho

Type 2 Helicopter with Module

Montana

6 Overhead

From Alaska

Montana

1 Overhead

Oregon

4 Overhead

Northwest Compact

76 Overhead

9 Aircraft

Alaska
Alberta
British Columbia
Idaho
Montana
Northwest Territories
Oregon
Saskatchewan
Washington
Yukon

Numbers by EFF Wages

	Federal Paid		State Paid	
	hours worked	gross wages	hours worked	gross wages
Allakaket	16,405.75	\$ 304,796.16		
Ambler	2,327.50	\$ 42,352.14		
Anchorage	1,553.50	\$ 37,701.00		
Arctic Village	4,566.50	\$ 84,655.86		
Beaver	1,878.00	\$ 35,240.52		
Bethel	224.50	\$ 4,073.74		
Buckland	4,300.00	\$ 76,935.90		
Cantwell	237.00	\$ 4,123.80		
Central	166.00	\$ 2,402.20		
Chalkyitsik	1,205.50	\$ 22,572.30		
Chevak	383.50	\$ 6,672.90	TBD	\$ 206,411.40
Circle	2,141.00	\$ 38,417.04		
Copper River			TBD	\$ 312,343.19
Delta			TBD	\$ 380,155.34
Denali Park	4.50	\$ 103.68		
Ester	580.75	\$ 11,621.40		
Fairbanks	31,729.75	\$ 691,586.98	TBD	\$ 1,876,472.90
Fort Yukon	16,403.00	\$ 313,855.54		
Fritz Creek	770.00	\$ 29,305.28		
Ft. Wainwright	80.00	\$ 1,392.00		
Galena	2,068.00	\$ 38,088.96		
Girdwood	6.50	\$ 222.82		
Grayling	3,122.00	\$ 59,097.92		
Haines/Juneau			TBD	\$ 227.84
Holy Cross	6,291.50	\$ 112,928.86		
Hooper Bay			TBD	\$ 127,019.95
Hughes	11,015.00	\$ 201,765.54		
Huslia	13,733.50	\$ 256,544.16		
Juneau	555.50	\$ 11,687.72		
Kaltag	6,398.50	\$ 109,645.22		
Kenai/Soldotna			TBD	\$ 254,925.68
Koyuk	1,801.00	\$ 32,655.88		
Koyukuk	6,844.00	\$ 124,001.40		
Lake Minchumina	511.00	\$ 9,811.20		
Lower Kalskag			TBD	\$ 120,787.43
Marshall	7,483.50	\$ 135,590.74		



	Federal Paid		State Paid	
	hours worked	gross wages	hours worked	gross wages
McGrath			TBD	\$ 196,819.31
Minto	7,964.00	\$ 146,116.30		
Mountain Village	4,592.00	\$ 82,342.72		
Nenana	16.00	\$ 278.40		
Nikolai			TBD	\$ 30,748.71
Ninilchik	9.00	\$ 253.44		
Noorvik	3,302.50	\$ 59,858.76		
North Pole	2,282.75	\$ 46,429.52		
Nondalton			TBD	\$ 227,035.83
Nulato	14,316.75	\$ 256,047.72		
Palmer			TBD	\$ 1,017,919.69
Pilot Station	8,712.50	\$ 150,700.16		
Ruby	8,627.00	\$ 157,401.92		
Russian Mission	257.50	\$ 4,480.50		
Scammon Bay			TBD	\$ 77,875.55
Selawik	8,226.50	\$ 148,918.62		
Shageluk			TBD	\$ 114,576.18
Shungnak	243.50	\$ 4,596.90		
Sitka	289.75	\$ 6,352.66		
St. Marys	7,044.50	\$ 128,972.96		
St. Michael	5,446.50	\$ 98,867.94		
Stebbins	10,068.00	\$ 181,797.52		
Sterling	629.25	\$ 17,719.68		
Stevens Village	823.00	\$ 15,354.30		
Tanana	6,610.50	\$ 123,064.28		
Tok			TBD	\$ 841,223.14
Upper Kalskag			TBD	\$ 115,272.70
Venetie	10,574.50	\$ 196,824.32		
Total	244,822.75	\$ 4,626,227.48	TBD	\$ 5,899,814.84

Please send any questions or comments to
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