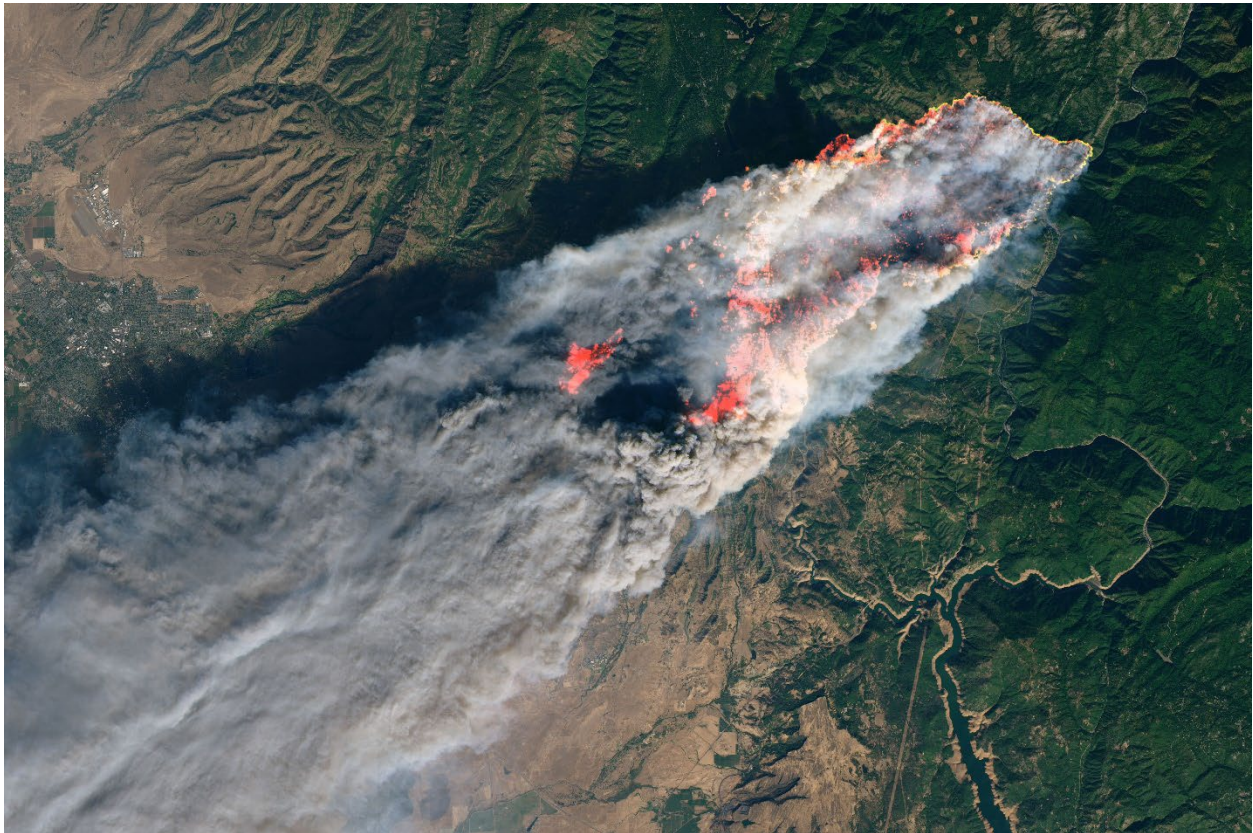


# **National Interagency Coordination Center**

## **Wildland Fire Summary and Statistics Annual Report 2018**



Camp Fire, California



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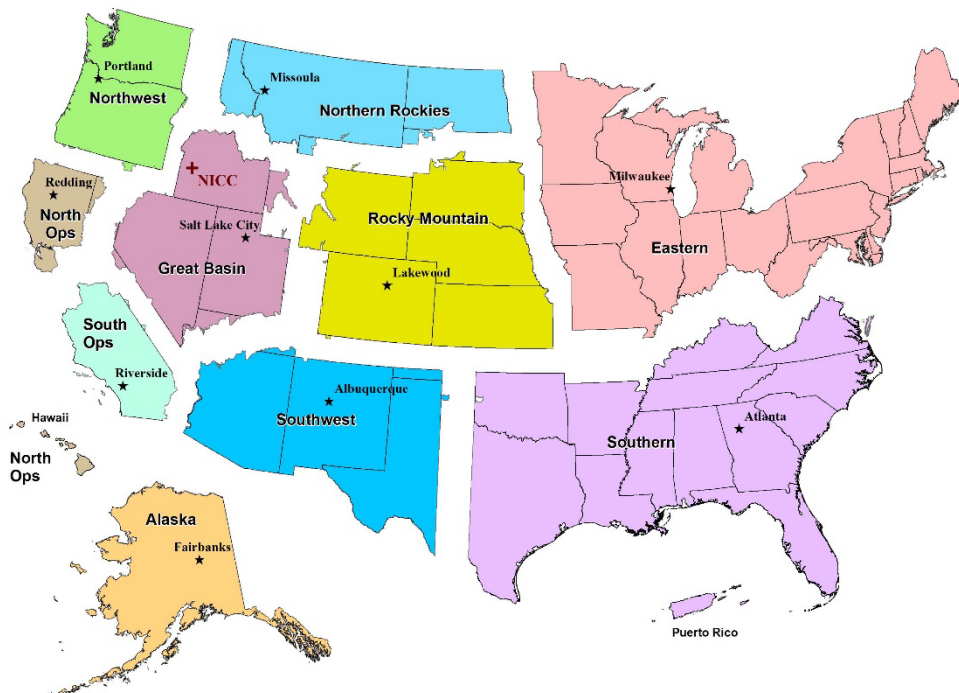
# Preface

Statistics used in this report were gathered from the interagency Fire and Aviation Management Web Applications (FAMWEB) system, which includes the Situation Report and Incident Status Summary (ICS-209) programs. Previous National Interagency Coordination Center (NICC) annual reports and other sources were also used in this document. The statistics presented here are intended to provide a national perspective of annual fire activity, but may not reflect official figures for a specific agency. The statistics are delineated by agency and Geographic Area. Pie chart figures are rounded to the nearest whole percentage point. This document is available electronically at the National Interagency Coordination Center web page: <http://www.predictiveservices.nifc.gov/intelligence/intelligence.htm>.

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 national incident dispatch coordination system. Statistics presented in this report are the resources requested by one of the ten Geographic Area Coordination Centers and processed through NICC. Requests by FEMA are placed to NICC through Emergency Support Function (ESF) #4 (Firefighting). The resource ordering process and procedures may be found in the National Mobilization Guide. The National Mobilization Guide can be found on the NICC web site ([www.nifc.gov/news/nicc.html](http://www.nifc.gov/news/nicc.html)) under reference materials.

## Geographic Area Coordination Centers



# 2018 Fire Season Summary

## Winter (December 2017 – February 2018)

The winter began with temperatures generally below average across the Great Plains and the East. Temperatures across the West were mostly above average. With a cold, deep trough in place over the East long duration cold events were common, especially across the Great Lakes region and New England. A persistent high pressure ridge over the Southwest produced temperature anomalies that were between 3 and 9 degrees above average in December and January. A pattern shift occurred in February that allowed for a trough to become established over the Great Plains and a ridge to develop over the eastern states. This produced a cooling trend across the western two thirds of the country and a warming trend across the East.

Precipitation trends in December were generally well below average across the nation except across the Northern Rockies where above average amounts were received. While the trend continued into January in most areas, it was not as pronounced except across the southern Great Plains where a large area of 25% or less precipitation was received. In contrast, the northern Great Plains and Upper Midwest began to show a trend toward above average precipitation as the frequency of the passage of Arctic cold fronts and Alberta Clippers increased. Mounting precipitation deficits across California and Oregon were beginning to show negative impacts in soil moisture data. Drought expansion and intensification was observed across both states. By February, a very moist pattern had become established over a majority of the East. Rainfall amounts along the Mississippi River Valley were greater than 200% of average and produced localized flooding. However, along the southern Atlantic Coastline increases in fire activity were observed. This was due to a persistent drier than average pattern that kept rainfall amounts received in this area around 50% of average.

Mountain snowpack at the end of the period was above average along the Canadian Border and across the Northern Rockies. Amounts across the Great Basin, California, and the Southwest were generally much less than 50% of average. The northern Sierra did see some relief in February while the Southern Cascades and Siskiyou did not. While Alaska experienced a warmer than average winter, the above average precipitation amounts received across the Interior produced an above average snowpack.

## Spring (March – May)

A persistent, broad, and deep upper level trough of low pressure redeveloped over the eastern two thirds of the country in March and April while a strengthening ridge of high pressure developed over the West. Temperatures across the northern Great Plains and upper Midwest were less than 10 degrees below average for weeks on end. Elsewhere across the Great Plains and the East, temperatures were 2 to 4 degrees below average. In the West, temperatures were generally average to 4 degrees above average both months. In May, the highly amplified atmospheric pattern began to flatten into more of a westerly flow. This promoted temperatures that were generally above to near average.

Drier than average conditions continued across Southern California and the Southwest in March and April. A northward expansion of the conditions into Oregon and Washington occurred in May. Drought in these areas continued to intensify and expand in coverage. Elsewhere across the country, precipitation totals began to trend toward drier than average conditions in April and May except across the Southeastern and Mid-Atlantic States where amounts received both months

were in the 130% to 300% of average range. By May, the residual drought conditions across the Carolinas, Georgia, and Florida had been largely alleviated.

The snow year ended as it began with average to above average amounts received across Washington State and the Northern Rockies and below average amounts received across Oregon, the Great Basin, and the southwestern states. While above average temperatures allowed for a normal loss of the snowpack, the pattern remained wet. This prevented an early start to the Alaskan fire season.

### **Summer (June – August)**

The summer of 2018 largely followed expected climatological patterns typically observed during the period across the country. A series of high pressure ridge events brought increasing heat and dryness to the West and allowed for drought conditions to intensify and expand north of the Four Corners Region and also across the Pacific Northwest. In the East, southeastward moving cold fronts stalled over the Deep South and continued to produce ample rainfall. This kept drought conditions from returning except across Texas where persistently dry conditions allowed for a gradual emergence of drought conditions. What was atypical was an early arrival of moisture into the Southwest during the last week of June as the remnants of Tropical Storm Bud moved northeast across Arizona and New Mexico.

Temperatures across the country were generally average to 4 degrees above average for the summer except across the Northern Rockies and the northern Great Plains where they were 1 to 2 degrees below average. Despite the overall near average conditions observed, there were isolated events of record setting heat during August. Some areas across the northwestern portion of the country observed near all-time record high temperatures during late August. Alaska continued to experience above average temperatures, but the wet pattern persisted.

A very active southwestern monsoon began the first week of July across the Four Corner States and intermittently across Southern California and persisted through much of August. The previously drier than average signal observed in these areas shifted north into the Great Basin, northern California, Pacific Northwest, and somewhat into the Northern Rockies by mid-July. Drought conditions in these areas continued to slowly expand and intensify. The heavy grass crop across California and the Great Basin cured and dried by mid-month and the developing drought allowed for the timber in these areas to become critically dry by late in the month. The abnormally dry conditions across Texas continued until early August when monsoonal and other tropical moisture began to feed into the state eventually reducing the potential for large fire development.

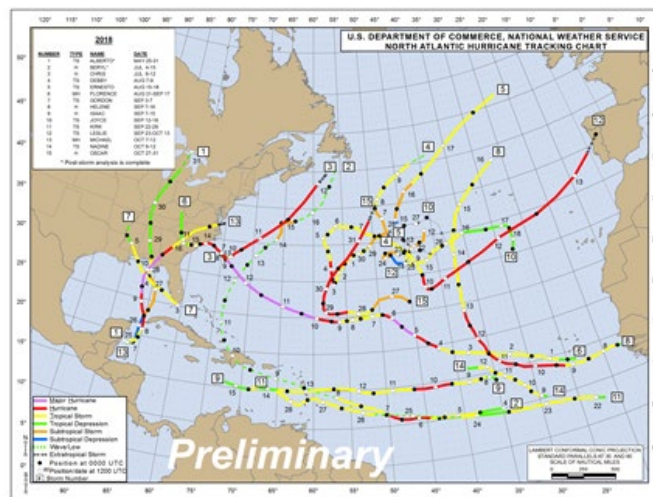
### **Autumn (September – December)**

The active western fire season continued well into September before a series of passing weak weather systems began to supply enough moisture to gradually reduce large fire potential and activity. Never-the-less, precipitation amounts received in September were below average across the West. In the East, amounts were generally above average. Some improvement in precipitation totals was observed in October and November as the seasonal transition to winter began. Amounts across the country began to trend toward above average except across most of California, western Oregon, and western Washington. The ongoing drought in these areas persisted and fuels remained critically dry, especially across portions of central and southern California. During a foehn wind event on November 8, the Camp Fire occurred. Over a short period of time, the fire consumed more than 153,000 acres, destroyed the town of Paradise,

California, and killed 85 individuals. This was the deadliest fire in more than 100 years. Spread rates of 80 acres per minute were observed at the fire's peak.

While temperatures along the West Coast were above average, elsewhere across the nation they were near average during the period. There were a few exceptions. The northern Great Plains experienced temperatures that were 6 degrees below average or more, and areas along the Gulf Coast experienced temperatures that were nearly 4 degrees above average.

As the decline in fire potential was beginning, the tropical season began to reach its peak. Hurricane Florence made landfall on September 15 near Wilmington, North Carolina producing winds up to 106 mph, storm surge of 9 to 13 feet, and nearly three feet of rainfall. Flooding was catastrophic. Hurricane Michael made landfall near Panama City, Florida on October 10. The nearby community of Mexico Beach was decimated as the 155 mph winds associated with the Category 4 storm leveled the community. The storm was the strongest to make landfall since 1992's Hurricane Andrew. Hawaii also experienced flooding and wind impacts from a pair of tropical storms as did the Southeast from an additional two tropical systems that made landfall during the late summer and early autumn months. Counting both the Atlantic and Eastern Pacific Basins, there were a total of 11 major hurricanes in 2018.



As late November progressed into December, the end of the calendar year began to demonstrate conditions typically observed with the emergence of a weak El Niño. Generally, wetter than average conditions developed across most of the Southeast and across California. Drier than average conditions developed across the northwestern quarter of the country. Early season snowpack accrual in the northwest started out at a much slower than average rate. This was expected. Of surprise was the reemergence of drier than average conditions across the Four Corners Region and across southern Florida. These areas will need to be monitored closely entering 2019.

## National Fire Activity Synopsis

The 2018 fire season was below normal for number of reported wildfires (84 percent of the 10-year annual average). There were 58,083 wildfires reported nationally (compared to 71,499 wildfires reported in 2017). The number of acres burned was above normal in 2018 (132 percent of the 10-year average). Wildfires consumed 8,767,492 acres reported nationally (compared to 10,026,086 acres reported in 2017). For the second year in a row, the Great Basin Area led the nation with almost 2.1 million acres burned (233 percent of its 10-year average).

Based on an annual 10-year average, Northwest (115%), Southwest (111%) and Great Basin (109%) reported about average fire occurrences in 2018. Southern California (99%) and Northern Rockies (97%) experienced near average fire occurrence. Northern California (89%), Southern Area (81%), Rocky Mountain (80%), Alaska (71%) and Eastern (63%) experienced below average fire occurrences.

Based on an annual 10-year average, Northern California (385%), Great Basin (233%), Rocky Mountain (179%), Northwest (177%) Southern California (118%) and Southern Area (116%) all experienced above average acres burned within their respective Geographic Areas. The Southwest (87%), Eastern (49%), Alaska (33%) and Northern Rockies (30%) saw below average acres burned. Forty-nine fires and complexes exceeded 40,000 acres in 2018; five more than in 2017 (see Significant Fire Activity below for a list of those fires).

A total of 25,790 structures were destroyed by wildfires in 2018, including 18,137 residences, 6,927 minor structures, and 229 commercial/mixed residential structures. This is well above the annual average of 2,701 residences, 1,379 minor structures, and 64 commercial/mixed residential structures destroyed by wildfire with this year ranking 1<sup>st</sup> (and more than double the previous record) in total structures lost (data from 1999 to present). California accounted for the highest number of structures lost in one state in 2018: 17,133 residences, 703 commercial/mixed residential structures and 5,811 minor structures. Utah was second with 77 residences and 377 minor structures lost.

Requests for firefighting resources placed to the National Interagency Coordination Center during the 2018 fire season were higher than the 10-year average in most categories. Filled requests for crews, engines, overhead, and heavy air tankers exceeded their respective 10-year averages. Helicopter mobilizations were slightly below the 10-year average.

National Type 1 teams were mobilized 47 times (down from 55 in 2017), and spent 658 days on assignments (down from 829 days in 2017). All 16 national teams had between one and four assignments each. Type 2 Teams were mobilized 107 times (down from 137 in 2017), for a total of 1,403 days assigned to incidents (down from 1,873 days in 2017). Area Command teams were mobilized zero times (down from 4 assignments in 2017). National Incident Management Organizations (NIMO) mobilized 5 times in 2017 to both wildland fire and non-fire incidents (down from 8 times in 2017).



# Significant Wildland Fires

## Fires and Complexes over 40,000 acres

Name	GACC	State	Start Date	Contain or Last Report Date	Size (acres)	Cause*	Estimated Cost
Mendocino Complex	NO	CA	7/27	9/18	459,123	U	220,000,000
Martin	GB	NV	7/5	7/21	435,569	U	10,000,000
Rhea	SA	OK	4/12	4/26	286,196	U	3,800,000
South Sugarloaf	GB	NV	8/17	10/10	233,458	L	20,000,000
Carr	NO	CA	7/23	8/30	229,651	U	162,289,294
Klondike	NW	OR	7/15	11/28	175,258	L	104,500,000
Camp	NO	CA	11/8	11/25	153,336	U	120,000,000
Goose Creek	GB	NV	7/26	8/10	132,220	U	7,850,000
Spring Creek	RM	CO	6/27	9/6	108,045	H	35,000,000
Pole Creek	GB	UT	9/6	10/8	102,191	L	29,100,000
Boxcar	NW	OR	6/21	7/3	100,207	U	3,500,000
Grassy Ridge	GB	ID	7/26	8/15	99,502	L	3,000,000
Woolsey	SO	CA	11/8	11/27	96,949	U	56,943,320
Ferguson	SO	CA	7/13	8/23	96,901	U	150,000,000
County	NO	CA	6/30	7/14	90,288	U	47,000,000
Avian Complex	SA	FL	5/1	5/29	82,461	U	10,781,364
Substation	NW	OR	7/17	8/2	78,425	H	4,200,000
Grass Valley	NW	WA	8/11	8/15	75,573	U	875,000
Mallard	SA	TX	5/8	5/20	75,530	U	NR
Boylston	NW	WA	7/19	7/23	71,200	U	995,000
Dollar Ridge	GB	UT	7/1	8/29	70,003	U	22,000,000
Zitziana River	AK	AK	6/4	9/7	69,332	L	2,440,527
Sharps	GB	ID	7/29	9/13	64,853	H	9,500,000
Delta	NO	CA	9/5	10/7	63,311	H	64,429,020

Name	GACC	State	Start Date	Contain or Last Report Date	Size (acres)	Cause*	Estimated Cost
34 Complex	SA	OK	4/12	4/24	62,481	OT	3,143,000
Buzzard	SA	FL	4/10	5/1	62,404	L	10,419,127
Bruneau	GB	ID	7/24	7/28	61,691	L	1,750,000
OK Bar	SW	NM	4/22	5/13	61,620	L	1,400,000
Roosevelt	GB	WY	9/15	10/6	61,511	U	30,000,000
Sheep Creek	GB	NV	8/18	8/26	59,789	U	3,000,000
Watson Creek	NW	OR	8/15	9/9	59,061	U	19,139,000
Crescent Mountain	NW	WA	7/29	11/28	56,609	U	40,705,00
Miles	NW	OR	7/16	10/17	54,334	L	2,000,000
Stubblefield	NW	OR	8/17	9/20	54,221	L	2,200,000
416	RM	CO	6/1	7/31	54,129	U	39,541,000
Mooseheart	AK	AK	6/7	7/5	53,643	L	10,000
Taylor Creek	NW	OR	7/15	10/11	52,839	L	24,077,000
Perry	GB	NV	7/27	8/6	51,400	U	4,950,000
Badger Hole	RM	CO	4/17	4/22	50,671	H	131,444
Buzzard	SW	NM	5/22	7/12	50,296	U	15,100,000
RIVER	NO	CA	7/27	7/30	48,920	U	NR
HIRZ	NO	CA	8/9	9/14	46,150	H	55,511,216
Jennies Peak	NW	OR	8/17	9/20	45,956	L	1,400,000
Dulby Hot Springs	AK	AK	6/6	9/1	44,364	L	40,000
206	SW	NM	4/12	4/14	44,162	U	96,000
MM 117	RM	CO	4/17	4/20	42,795	H	775,000
Cougar Creek	NW	WA	7/28	11/8	42,712	L	42,165,000
Terek	RM	WY	7/8	7/13	42,267	L	890,000

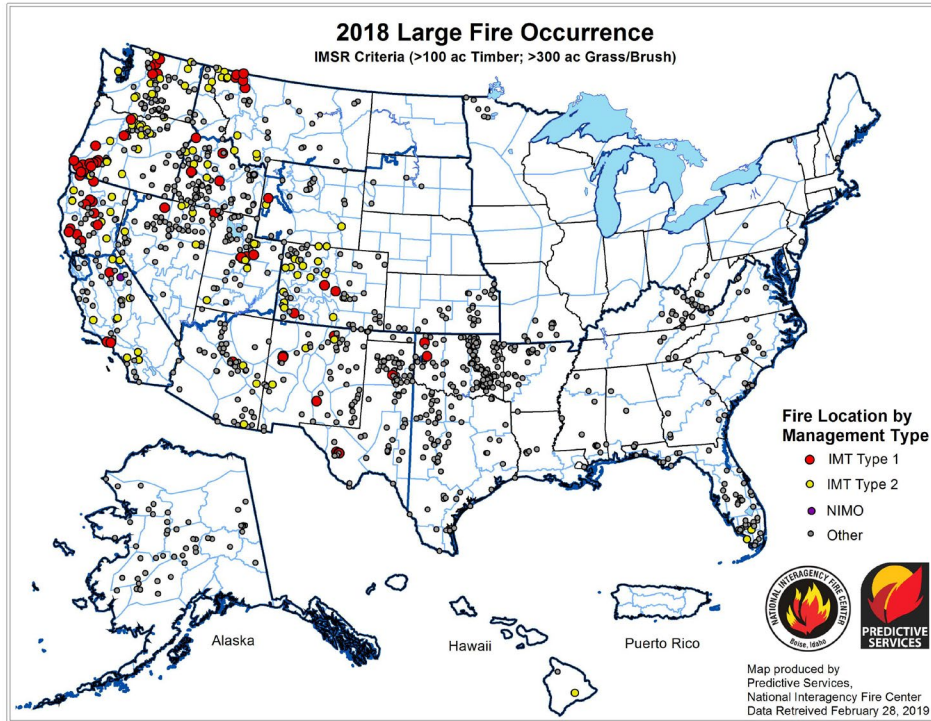
L – Lightning H – Human U – Unknown/Under Investigation OT – Other NR – Not Reported

Information in the above table was derived from ICS-209 reports submitted in the Fire and Aviation Management Web Applications system (FAMWEB). Information shown may not reflect final official figures.

# Significant Fire Activity

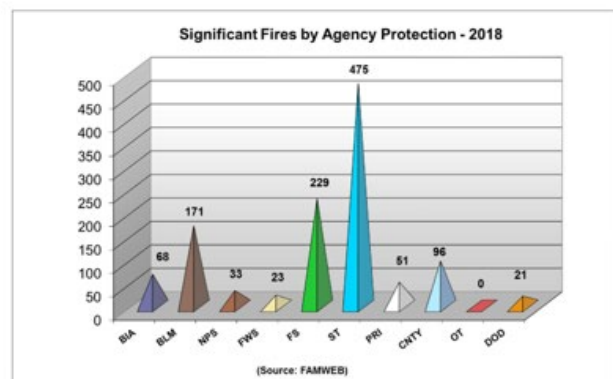
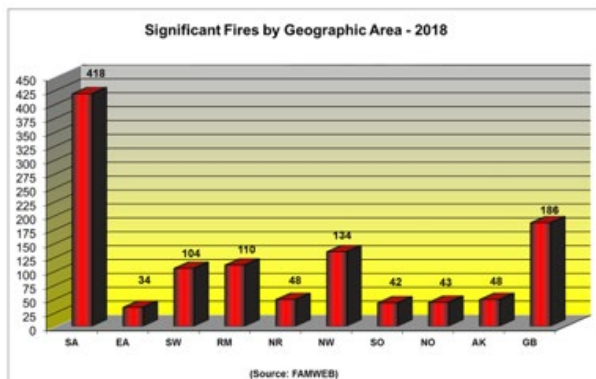
Significant fires are defined in the National Mobilization Guide as fires that are a minimum of 100 acres in timber fuel types, 300 acres in grass and brush fuel types, or are managed by a Type 1 or 2 Incident Management Team, WFMT or NIMO.

There were 1,167 large or significant wildfires and complexes reported in 2018 (derived from ICS-209 reports submitted through FAMWEB). Significant wildfires represented about 2 percent of total wildfires reported nationally in 2018. The maps below depict the locations of these fires.



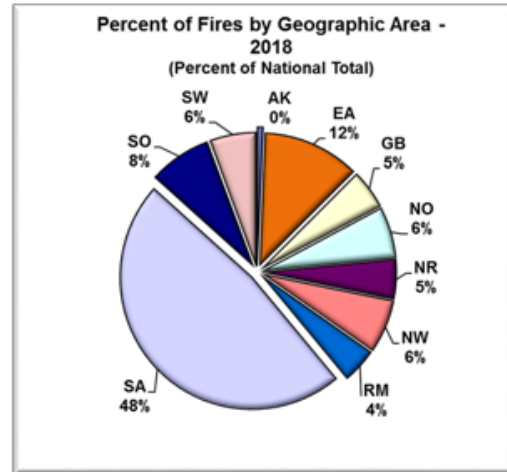
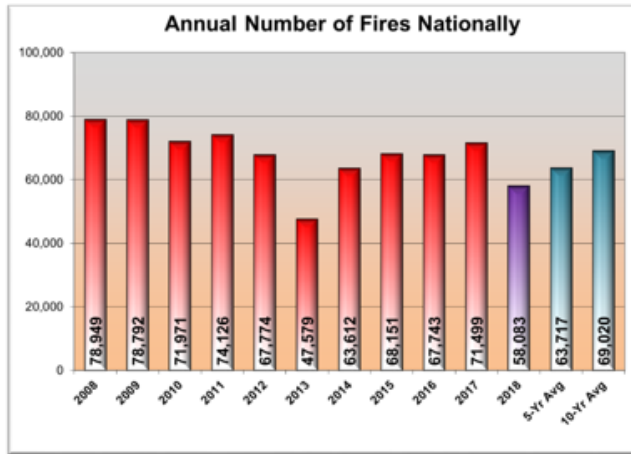
## Percent of Reported Significant Fires by Geographic Area

AK	NW	NO	SO	NR	GB	SW	RM	EA	SA
4%	11%	4%	4%	4%	16%	9%	9%	3%	36%

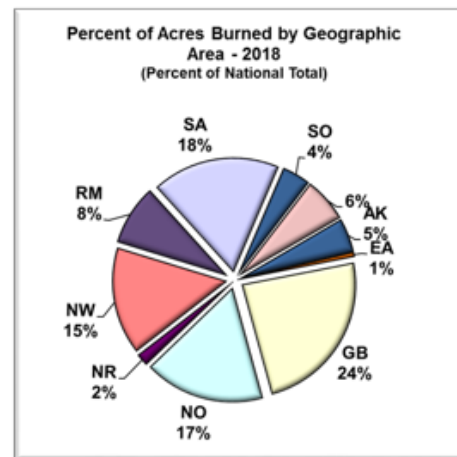
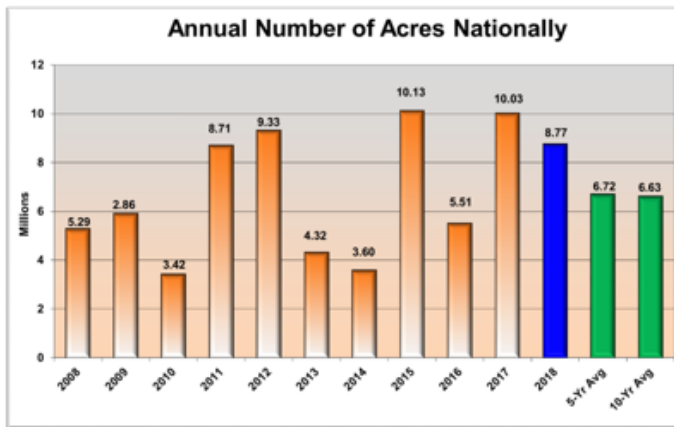


# Wildfires Reported to NICC

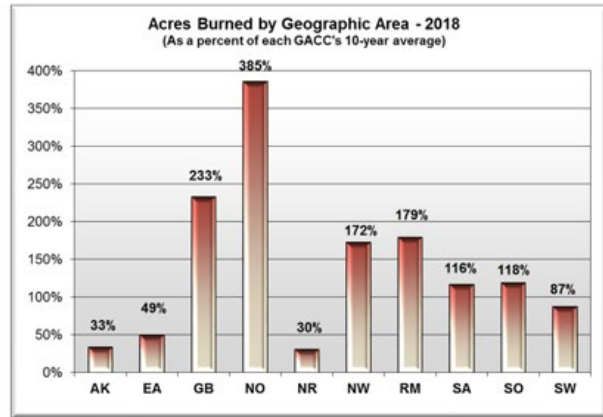
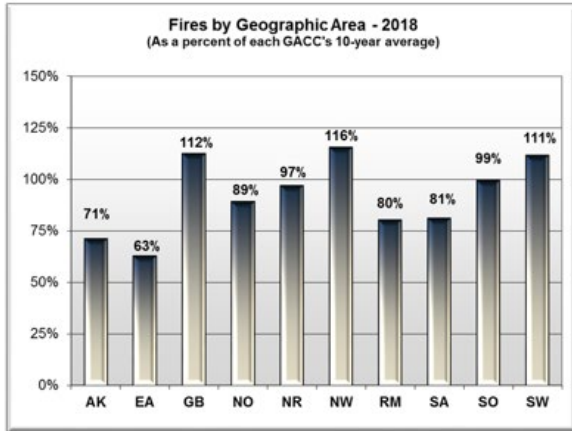
In 2018 there were 58,083 wildfires in the U.S., which burned 8,767,492 acres. Fires reported were below both the five and ten year national average. Acres burned were well above both the five and ten year national averages. The charts below depict fires and acres as a percentage of the national total.



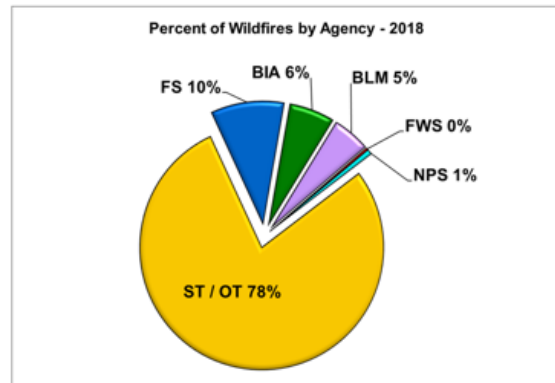
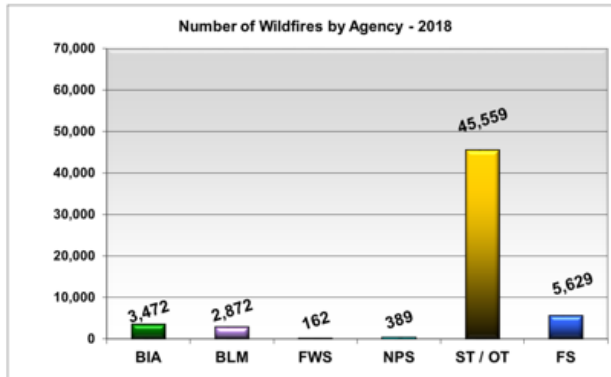
# Wildfire Acres Burned Reported to NICC



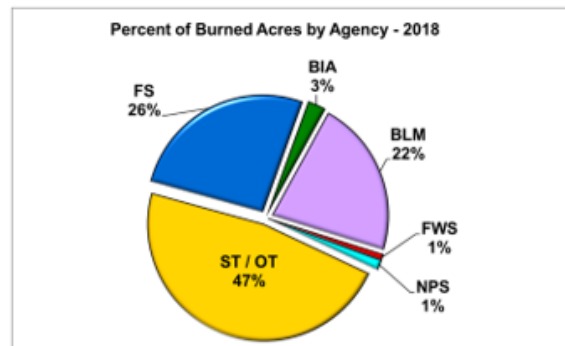
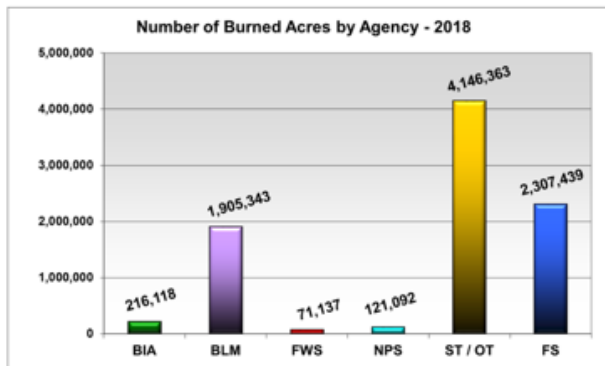
# Wildfire Activity by Geographic Area



# Wildfire Activity by Protecting Agency

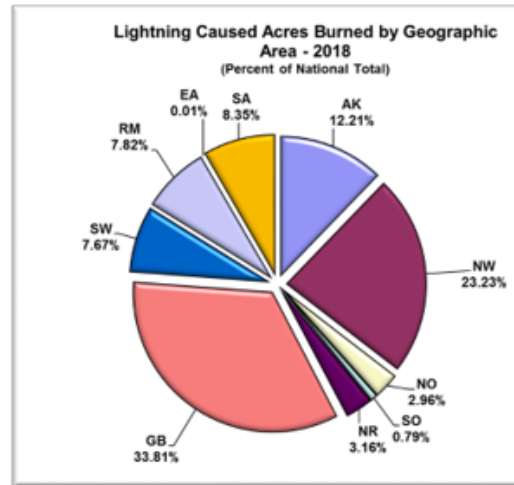
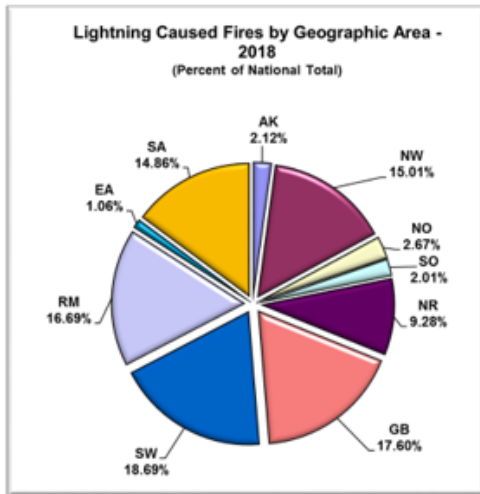


# Wildfire Acres Burned by Protecting Agency



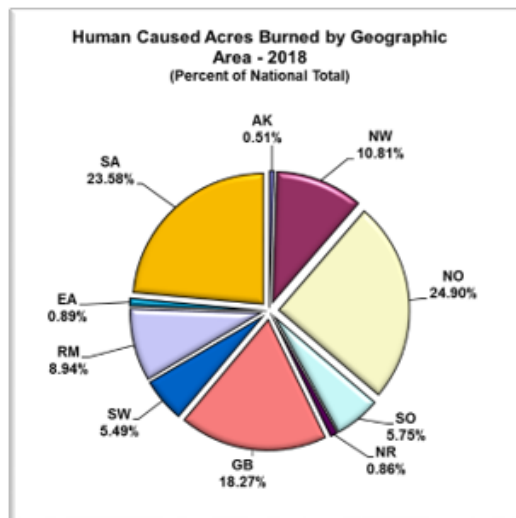
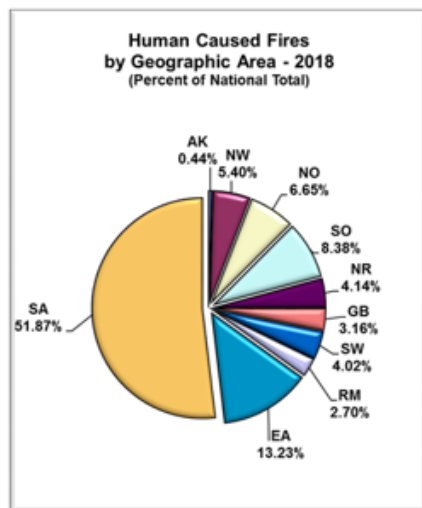
## Lightning Fires and Acres by Geographic Area

	AK	EA	GB	NO	NR	NW	RM	SA	SO	SW	Total
Fires	138	69	1,145	174	604	977	1,086	967	131	1,216	6,507
Acres	381,737	374	1,057,161	92,487	98,721	726,518	244,540	261,155	24,621	239,689	3,127,003



## Human Caused Fires and Acres by Geographic Area

	AK	EA	GB	NO	NR	NW	RM	SA	SO	SW	Total
Fires	229	6,822	1,631	3,428	2,137	2,787	1,394	26,754	4,322	2,072	51,576
Acre	381,737	374	1,030,761	1,404,463	48,372	609,578	504,416	1,329,945	324,102	309,546	5,640,489



## Wildfires and Acres Burned by Protecting Agency

Agency		2010	2011	2012	2013	2014	2015	2016	2017	2018	5-Yr Avg.	10-Yr Avg.
BIA	Fires	3,825	4,274	5,753	3,239	3,377	3,886	4,056	3,843	3,472	3,680	4,156
	Acres	106,978	364,767	866,444	173,491	327,352	591,644	325,162	306,542	216,118	344,838	343,128
BLM	Fires	2,312	2,798	3,031	2,628	1,944	2,093	2,105	2,927	2,872	2,339	2,432
	Acres	830,377	959,410	3,331,273	1,012,600	871,642	4,770,133	1,183,821	2,711,267	1,905,343	2,109,893	1,699,053
FS	Fires	6,797	6,667	7,098	7,105	6,755	7,056	5,676	6,617	5,629	6,642	6,858
	Acres	319,730	1,729,937	2,680,233	1,365,644	871,876	1,916,302	1,247,906	2,866,031	2,307,439	1,653,552	1,494,782
FWS	Fires	323	442	394	332	348	194	174	252	162	260	333
	Acres	187,991	171,368	101,752	138,284	17,404	33,897	15,374	206,393	71,137	82,270	179,025
NPS	Fires	390	418	369	455	389	398	463	314	389	404	402
	Acres	174,255	98,147	140,807	265,755	24,949	74,780	177,901	110,349	121,092	130,747	133,805
State / Other	Fires	58,324	59,527	51,129	33,820	50,799	54,524	55,269	57,546	45,559	50,392	54,839
	Acres	1,803,393	5,387,738	2,205,729	1,363,772	1,482,390	2,738,393	2,559,831	3,825,504	4,146,363	2,393,978	2,775,304
Total	Fires	71,971	74,126	67,774	47,579	63,612	68,151	67,743	71,499	58,083	63,717	69,020
	Acres	3,422,724	8,711,367	9,326,238	4,319,546	3,595,613	10,125,149	5,509,995	10,026,086	8,767,492	6,715,278	6,625,097

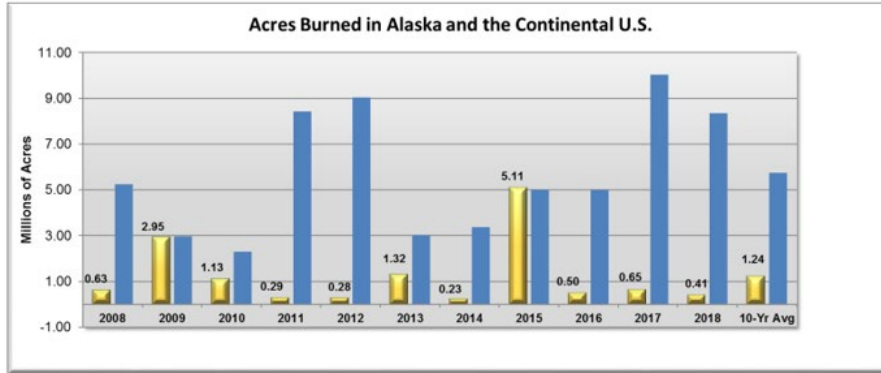
## Wildfires and Acres Burned by Geographic Area

GACC		2010	2011	2012	2013	2014	2015	2016	2017	2018	5-Yr Avg.	10-Yr Avg.
AK	Fires	689	515	416	603	384	768	572	364	367	538	518
	Acres	1,125,419	293,018	286,887	1,316,876	233,561	5,111,404	496,467	653,023	410,683	1,562,266	1,253,090
EA	Fires	15,844	9,153	11,147	7,110	7,030	11,639	11,270	9,816	6,891	9,373	11,011
	Acres	130,103	213,172	146,208	64,992	54,141	100,294	98,042	41,705	50,734	71,835	103,713
GB	Fires	2,331	2,695	3,343	2,971	2,250	2,096	2,063	3,127	2,776	2,501	2,549
	Acres	735,886	886,667	2,502,018	930,795	164,802	505,483	761,622	2,103,788	2,087,922	893,298	897,904
NO	Fires	2,943	3,092	3,536	5,299	4,082	4,587	3,363	4,173	3,602	4,301	4,045
	Acres	35,674	24,200	771,486	165,194	474,826	594,048	96,706	672,448	1,496,950	400,644	388,515
NR	Fires	1,740	2,053	3,433	2,773	2,665	3,817	2,700	3,900	2,741	3,171	2,829
	Acres	70,474	198,624	1,497,972	179,459	143,271	745,947	202,140	1,551,275	147,093	564,418	488,757
NW	Fires	2,188	2,150	2,305	4,389	4,572	4,603	2,519	3,404	3,764	3,897	3,259
	Acres	150,553	303,260	1,515,596	503,993	1,383,514	1,823,473	513,226	1,121,442	1,336,096	1,069,130	777,594
RM	Fires	2,903	3,433	5,584	2,621	2,356	2,559	3,289	3,164	2,480	2,798	3,099
	Acres	151,631	517,004	1,244,073	237,121	78,345	180,822	686,921	754,747	748,956	387,591	418,655
SA	Fires	37,176	42,362	30,964	14,448	34,267	31,594	34,474	35,068	27,721	29,970	34,276
	Acres	624,440	3,892,567	718,624	182,650	752,694	556,267	1,591,044	1,960,764	1,591,101	1,008,684	1,371,090
SO	Fires	3,610	4,891	4,412	4,608	3,786	4,175	3,996	5,389	4,453	4,391	4,484
	Acres	83,986	104,829	99,914	412,481	80,218	304,925	479,207	595,873	348,722	374,541	294,780
SW	Fires	2,547	3,782	2,634	2,757	2,220	2,313	3,497	3,094	3,288	2,776	2,950
	Acres	314,558	2,278,026	543,460	325,985	230,241	202,486	584,620	571,021	549,235	382,871	631,001

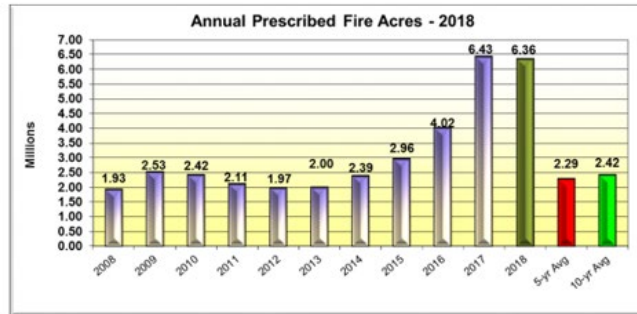
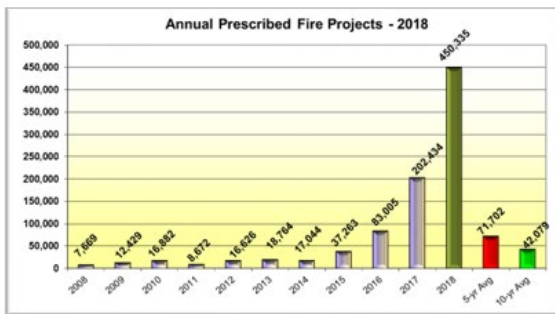


# Alaska Wildfire Activity

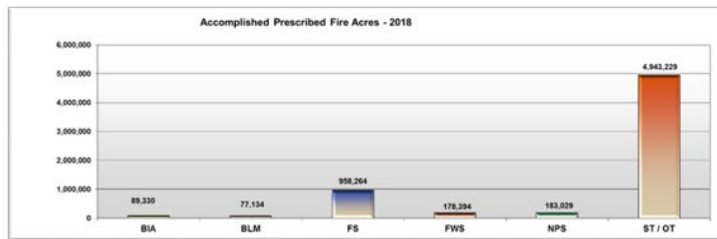
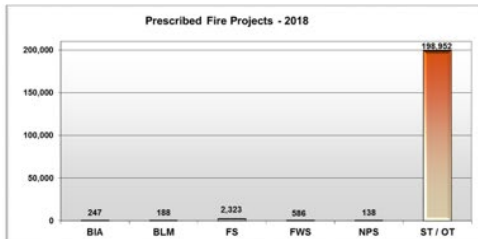
In 2018 Alaska burned 5 percent of all burned acres in the U.S. This is well below the ten year average of 19 percent. The chart below compares annual acres burned between Alaska and the rest of the U.S.



# Prescribed Fire Projects and Acres



# Prescribed Fire Projects and Acres by Agency



## Prescribed Fire Projects and Acres by Agency

Agency		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	10 - Yr Avg
BIA	Fires	2,186	403	321	201	202	288	245	240	247	289	459
	Acres	151,435	124,404	111,352	62,529	80,889	109,629	77,907	99,712	89,330	82,387	99,335
BLM	Fires	552	431	383	304	328	429	334	315	188	201	371
	Acres	152,420	91,622	242,658	39,675	34,492	132,311	84,399	64,454	77,134	58,307	102,829
FS	Fires	3,795	3,766	2,890	2,719	2,497	3,021	2,995	3,061	2,323	3,076	3,026
	Acres	1,244,342	1,408,693	960,992	969,560	1,006,955	1,243,739	993,570	1,284,277	958,264	1,313,182	1,102,541
FWS	Fires	1,227	1,024	840	1,001	530	899	727	757	586	668	841
	Acres	338,161	257,672	195,055	234,887	123,399	201,426	225,890	266,769	178,394	264,274	226,827
NPS	Fires	815	251	213	203	154	196	160	214	138	148	257
	Acres	137,719	94,500	72,045	62,357	44,347	67,937	33,377	79,881	183,029	161,676	88,069
State / Other	Fires	3,854	11,007	4,025	12,198	15,053	12,211	32,802	78,418	198,952	445,953	37,125
	Acres	507,056	446,971	530,709	602,826	709,958	634,756	1,543,117	2,220,418	4,943,229	4,481,149	1,257,162
Total	Fires	12,429	16,882	8,672	16,626	18,764	17,044	37,263	83,005	202,434	450,335	42,079
	Acres	2,531,133	2,423,862	2,112,811	1,971,834	2,000,040	2,389,798	2,958,260	4,015,511	6,429,380	6,360,975	2,876,763

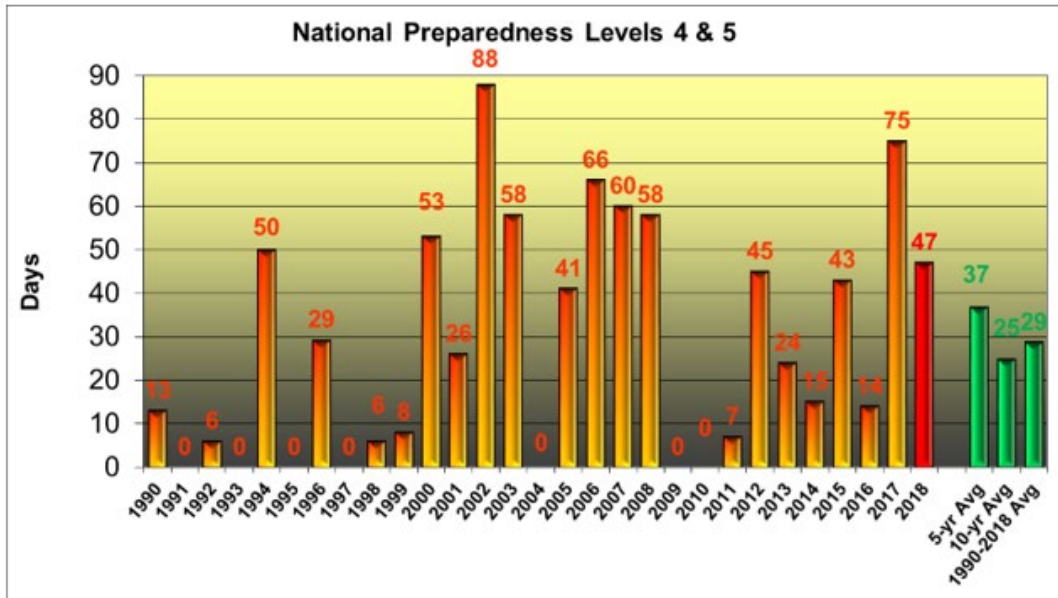
## Prescribed Fire Projects and Acres by Geographic Area

GACC		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	10 - Yr Avg
AK	Fires	1	6	20	24	16	7	7	15	8	15	11
	Acres	290	505	8,982	13,226	5,177	59,591	4,953	33,577	64,950	36,284	19,524
EA	Fires	3,549	2,351	2,575	1,933	1,686	2,437	2,688	2,557	2,444	2,196	2,469
	Acres	368,514	310,082	291,768	233,349	136,407	289,368	248,862	281,752	259,664	286,946	266,068
GB	Fires	322	245	252	216	227	308	286	232	209	208	260
	Acres	64,070	55,949	43,476	45,046	35,888	48,514	42,645	58,711	47,102	50,587	51,378
NO	Fires	604	724	491	421	335	371	351	308	229	285	445
	Acres	70,966	55,614	46,026	40,161	36,411	29,146	32,196	34,533	32,752	65,491	44,341
NR	Fires	737	807	725	694	458	713	834	647	603	728	698
	Acres	73,866	83,889	80,358	60,690	34,833	79,725	67,474	60,518	52,359	85,512	67,488
NW	Fires	886	963	852	682	621	756	589	668	315	572	718
	Acres	157,303	135,531	92,869	70,067	81,380	104,084	95,035	93,682	53,293	122,170	99,712
RM	Fires	633	673	607	350	360	516	455	410	438	457	493
	Acres	102,045	127,002	117,242	59,116	55,810	81,207	75,139	106,535	104,654	108,087	93,474
SA	Fires	3,293	10,551	2,685	11,793	14,676	11,596	31,488	77,684	197,727	445,357	36,291
	Acres	1,426,365	1,489,286	1,104,691	1,322,421	1,537,192	1,590,641	2,248,409	3,179,094	5,573,996	5,432,648	2,048,708
SO	Fires	237	241	189	211	208	144	266	193	190	192	209
	Acres	22,974	16,928	13,388	16,669	12,183	7,851	14,633	12,420	14,238	22,412	15,300
SW	Fires	2,167	321	276	302	177	196	299	291	271	325	482
	Acres	244,740	149,076	314,011	111,089	64,759	99,671	128,914	154,509	226,372	150,838	170,004

Note: The Eastern Great Basin and Western Great Basin Geographic Areas merged January 1, 2015. The historical data in the table above includes merged data from the former two geographic areas into the new Great Basin Geographic Area.

# National Preparedness Levels

In 2018 the national Preparedness Level (PL) was elevated to PL 2 on April 14 then was raised to PL 3 on June 30 where it remained for almost three weeks. On July 22 it was raised to PL 4 where it remained for six days. On July 28 the PL was raised to PL 5 and remained at that level for thirty-four days. On August 31 the PL was dropped to PL 4 for a week and on September 7 the PL was lowered again to PL 3 where it remained for eighteen days. On September 25 the PL was dropped to PL 2 for ten days. On October 5 the PL was lowered to PL 1 where it remained for the rest of the calendar year.



## National Preparedness Level Summary

Year	PL1	PL2	PL3	PL4	PL5	Total Days at PL 4 & 5
1990	247	74	31	6	7	13
1991	255	103	7	0	0	0
1992	278	67	15	6	0	6
1993	268	97	0	0	0	0
1994	235	26	54	4	46	50
1995	254	96	15	0	0	0
1996	99	178	60	8	21	29
1997	216	149	0	0	0	0
1998	157	172	30	6	0	6
1999	159	165	33	8	0	8
2000	179	73	61	13	40	53
2001	188	142	9	10	16	26
2002	187	76	14	26	62	88
2003	92	155	60	10	48	58
2004	249	57	60	0	0	0
2005	233	44	47	41	0	41
2006	110	145	44	16	50	66
2007	212	76	17	21	39	60
2008	209	84	15	36	22	58
2009	275	62	28	0	0	0
2010	231	134	0	0	0	0
2011	207	93	58	7	0	7
2012	212	49	60	45	0	45
2013	253	46	42	17	7	24
2014	242	82	26	15	0	15
2015	253	29	40	19	24	43
2016	251	73	28	14	0	14
2017	186	72	33	37	38	75
2018	191	87	40	13	34	47
<b>5-yr Avg</b>	<b>233</b>	<b>64</b>	<b>32</b>	<b>21</b>	<b>16</b>	<b>37</b>
<b>10-yr Avg</b>	<b>234</b>	<b>71</b>	<b>35</b>	<b>17</b>	<b>8</b>	<b>25</b>

# Military and International Resource Mobilizations

**Military:** On July 2<sup>nd</sup>, two MAFFS units were activated through a Request for Assistance (RFA) to the Department of Defense. This request was filled with two MAFFS from the 302<sup>nd</sup> Airlift Wing and were positioned in Colorado Springs, CO in support of wildland fire operations. On July 5<sup>th</sup> one MAFFS from the 153<sup>rd</sup> Airlift Wing and one MAFFS from the 152<sup>nd</sup> Airlift Wing were positioned at Colorado Springs, CO in support of wildland fire operations. On July 10<sup>th</sup> the two MAFFS from the 302<sup>nd</sup> Airlift Wing were released back to the DOD. On July 13<sup>th</sup> one MAFFS each from the 153<sup>rd</sup> and 152<sup>nd</sup> Airlift Wing were released back to the DOD. On July 26<sup>th</sup>, two MAFFS from the 146<sup>th</sup> Airlift Wing were deployed to McClellan Airfield, CA in support of wildland fire operations. On August 1<sup>st</sup>, two additional MAFFS from the 152<sup>nd</sup> Airlift Wing were deployed to McClellan Airfield, CA. On August 23<sup>rd</sup> one MAFFS unit from 16<sup>th</sup> Airlift Wing was released back to the DOD. On August 25<sup>th</sup> another MAFFS unit from the 146<sup>th</sup> Airlift Wing was released back to the DOD. On August 26<sup>th</sup> the remaining two MAFFS units from the 152<sup>nd</sup> Airlift Wing were released back to the DOD.

MAFFS units primarily provided retardant delivery to the Rocky Mountain, Northern and Southern California Geographic Areas while employed from July 2<sup>nd</sup> through August 26<sup>th</sup>. These units delivered a total of 643,579 gallons of retardant while conducting 233 sorties. This is down from 2017 when 293 sorties were flown delivering 820,115 gallons of retardant.

On July 23<sup>rd</sup>, one RC-26 aircraft with Distributed Real-Time Infrared (DRTI) capability and support personnel from the 141<sup>st</sup> Aerial Refueling Wing (Washington Air National Guard) was deployed to Fairchild AFB (Spokane, WA) in support of wildland fire operations. This aircraft provided incident awareness and assessment through infrared sensing capability to wildland fire incident management personnel until released on September 5<sup>th</sup>.

On August 13<sup>th</sup>, two hundred and thirty-three soldiers from the 14<sup>th</sup> Brigade Engineer Battalion based out of Joint Base Lewis-McChord, Washington were deployed in support of the Mendocino Complex in northern California. They were released back to Joint Base Lewis-McChord on September 5<sup>th</sup>.

**International:** On July 17<sup>th</sup> through the NIFC-CIFFC Agreement the United States provided twelve firefighters to Ontario, Canada. On July 31<sup>st</sup> all twelve firefighters were released back to the United States.

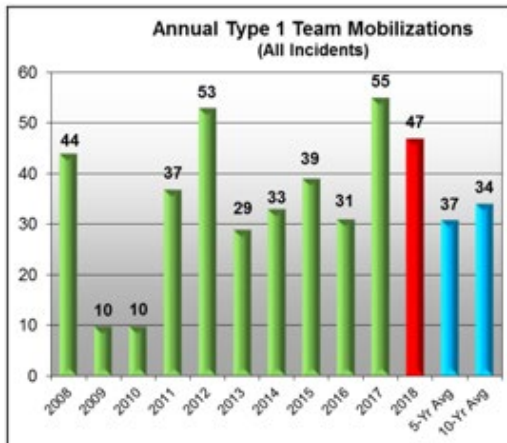
On August 6<sup>th</sup> through the NIFC-Australia and NIFC-New Zealand Agreement, one hundred thirty-eight fire line personnel were assigned to fires in the Northern California and Northwest Geographic Areas. On September 5<sup>th</sup> all personnel from Australia and New Zealand were released back to their respective countries.

## Incident Management Team Mobilizations

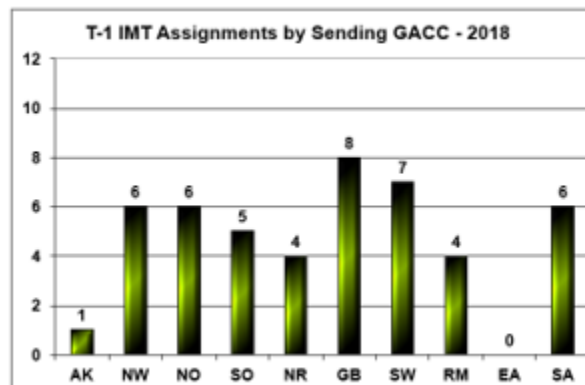
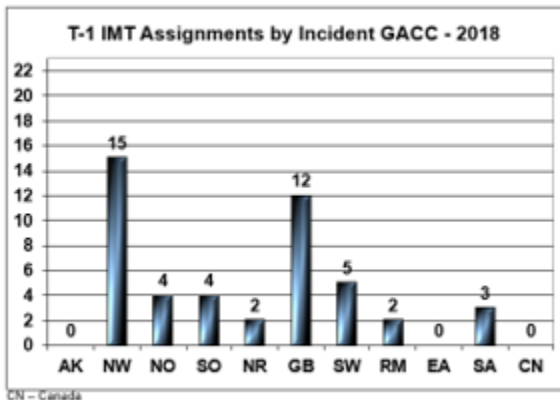
In 2018, National Incident Management Organization (NIMO) teams were assigned to five wildfire incidents and support assignments one time for a total of 99 days. Area Command teams were assigned to zero incidents in 2018.

# Type 1 Incident Management Team Mobilizations

Sixteen national Type 1 Teams were available in 2018. Type 1 Teams mobilized to 47 assignments. Of these assignments 45 were to wildland fires and 2 were to non-wildland fire incidents. A total of 15 Type 1 Team assignments were mobilized through NICC. Type 1 teams were assigned a combined total of 658 days in 2018, down from 829 assignment days in 2017. The record was set in 2002 when Type 1 Teams were assigned 85 times for a total of 999 days.

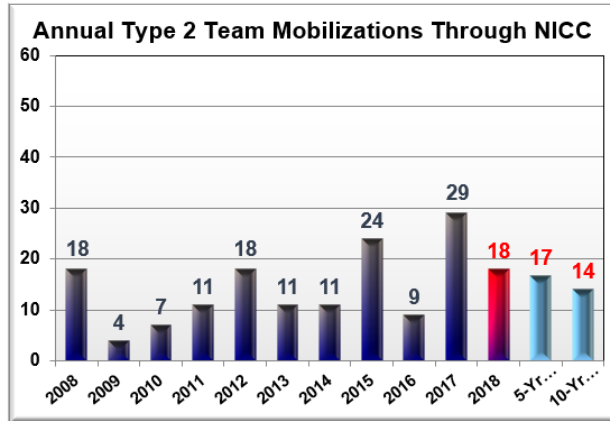


# Type 1 IMT Assignments by Geographic Area

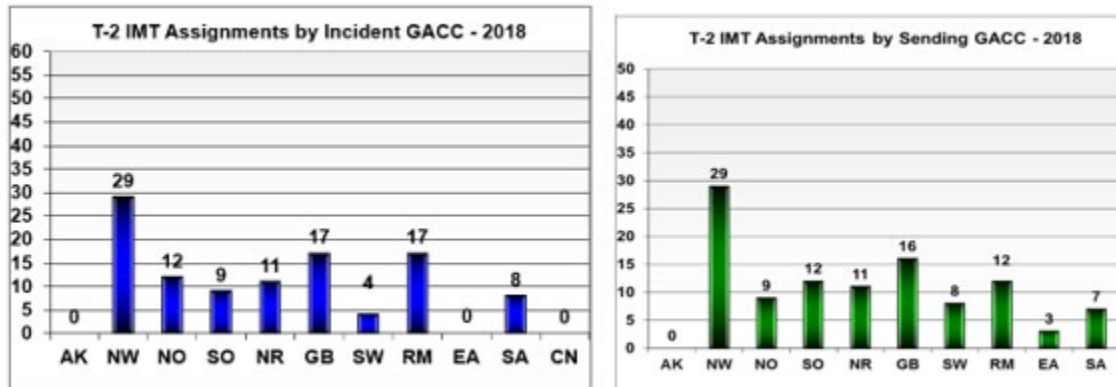


## Type 2 Incident Management Team Mobilizations

Of the 152 total Type 2 Team assignments in 2018, 18 were filled through NICC. Teams were assigned a total of 1,403 days in 2018, down from 1,873 days assigned in 2017. The following charts and tables summarize total requests by agency and Geographic Area.



## Type 2 IMT Assignments by Geographic Area



## IMT Mobilization by Requesting Agency

Agency	Type 1 IMT			Total IMT 1	Type 2 IMT			Total IMT 2
	Fill	Cancel	UTF		Fill	Cancel	UTF	
BIA	0	0	0	0	0	0	0	0
BLM	0	0	0	0	3	0	0	3
DOD	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	2	0	0	2
FS	14	1	2	17	13	0	0	13
FWS	0	0	0	0	0	0	0	0
NPS	1	0	0	1	0	0	0	0
ST	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total</b>	<b>15</b>	<b>1</b>	<b>2</b>	<b>18</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>18</b>

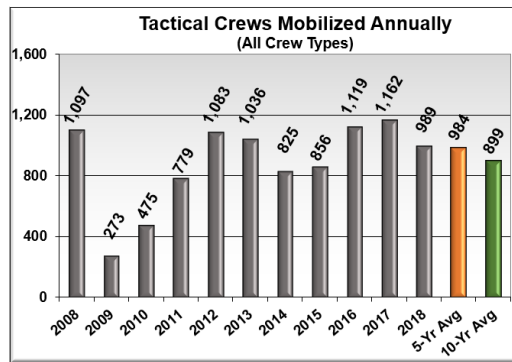
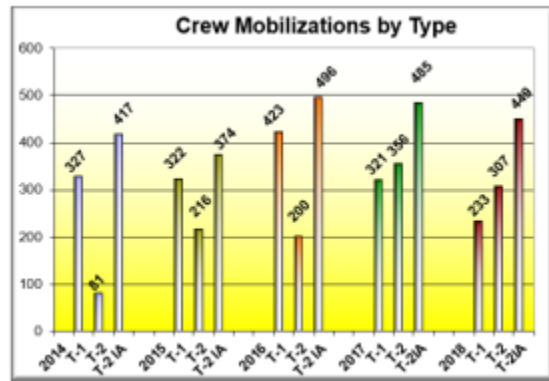
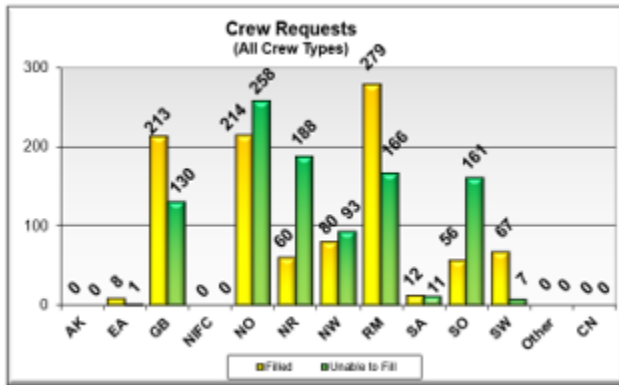


# IMT Mobilization by Geographic Area

GACC	Type 1 IMT			Total IMT 1	Type 2 IMT			Total IMT 2
	Fill	Cancel	UTF		Fill	Cancel	UTF	
AK	0	0	0	0	0	0	0	0
EA	0	0	0	0	0	0	0	0
GB	3	0	0	3	3	0	0	3
NIFC	1	0	0	1	0	0	0	0
NO	0	0	0	0	0	0	0	0
NR	2	0	1	3	4	0	0	4
NW	9	1	1	11	3	0	0	3
RM	0	0	0	0	6	0	0	6
SA	0	0	0	0	2	0	0	2
SO	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
CN	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>15</b>	<b>1</b>	<b>2</b>	<b>18</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>18</b>

# Crew Mobilizations

NICC processed 2,180 crew requests in 2018. Of these requests, 989 were filled, 176 requests were canceled, and 1,015 were UTF. There were 847 Type 1 crew requests, 409 Type 2 crew requests and 924 Type 2 IA crew requests placed to NICC.



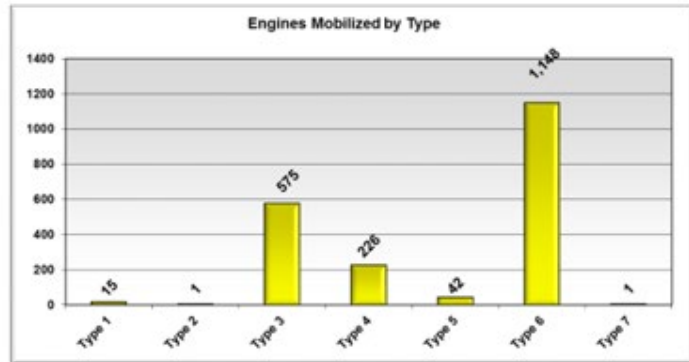
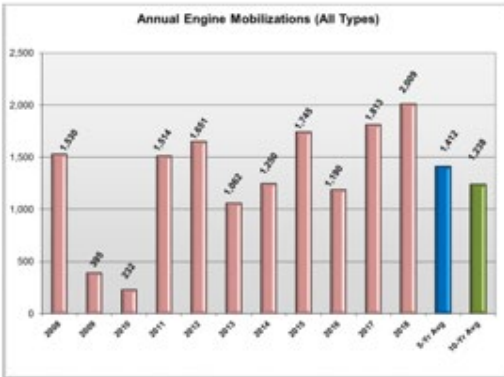
## Crew Summary by Requesting Agency and GACC

Agency	Type 1			Type 2			Type 2-IA			Crews Total		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
BIA	3	0	8	1	0	0	6	0	9	10	0	17
BLM	10	4	25	26	6	8	21	6	15	57	16	48
DOD	0	0	0	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0
FS	193	90	361	167	20	45	367	35	311	727	145	717
FWS	0	0	0	0	0	0	0	0	0	0	0	0
NPS	4	1	4	1	0	0	2	0	1	7	1	5
ST	14	3	91	97	2	21	41	4	70	152	9	182
Other	9	5	22	15	0	0	12	0	24	36	5	46
Canada	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>233</b>	<b>103</b>	<b>511</b>	<b>307</b>	<b>28</b>	<b>74</b>	<b>449</b>	<b>45</b>	<b>430</b>	<b>989</b>	<b>176</b>	<b>1,015</b>
<b>Total</b>		<b>847</b>			<b>409</b>			<b>924</b>			<b>2,180</b>	

GACC	Type 1			Type 2			Type 2-IA			Crews Total		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
AK	0	0	0	0	0	0	0	0	0	0	0	0
EA	4	1	0	0	0	0	4	0	1	8	1	1
GB	56	18	67	56	2	20	101	4	43	213	24	130
NIFC	0	0	0	0	0	0	0	0	0	0	0	0
NO	29	25	132	130	9	36	55	9	90	214	43	258
NR	16	8	72	19	0	0	25	4	116	60	12	188
NW	23	15	53	5	0	1	52	2	39	80	17	93
RM	53	17	78	78	10	7	148	9	81	279	36	166
SA	4	1	11	1	0	0	7	4	0	12	5	11
SO	11	15	96	18	7	10	27	8	55	56	30	161
SW	37	3	2	0	0	0	30	5	5	67	8	7
Other	0	0	0	0	0	0	0	0	0	0	0	0
CN	0	0	0	0	0	0	0	0	0	0	0	0

# Engine and Tactical Water Tender Mobilizations

The NICC processed 2,897 engine requests in 2018. Of these requests, 2,009 were filled, 218 were canceled and 670 were UTF. There were 114 requests placed to NICC for tactical water tenders, of which 64 were filled, 11 canceled, and 39 UTF.



## Engine Summary by Requesting Agency

Agency	Type - 1			Type - 2			Type - 3			Type - 4			Type - 5		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
BIA	8	0	0	0	0	0	7	9	9	7	1		0	0	0
BLM	2	0		0	0	0	25	15	23	41	2	4	1	0	0
DOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	2	0	0	1	0	0	421	69	318	108	9	11	19	0	0
FWS	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
NPS	0	0	0	0	0	0	5	0	6	2	0	0	0	0	0
ST	1	0	2	0	2	0	83	23	149	59	1		13	1	0
Other	2	0	0	0	0	0	33	6	5	10	2	2	9	0	0
<b>Total</b>	<b>15</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>575</b>	<b>122</b>	<b>510</b>	<b>227</b>	<b>15</b>	<b>17</b>	<b>42</b>	<b>1</b>	<b>0</b>
<b>Total</b>	<b>17</b>			<b>3</b>			<b>1,207</b>			<b>259</b>			<b>43</b>		

Agency	Type - 6			Type - 7			Other			Tactical Water Tender			Engine/TWT Total		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
BIA	14	13	1	0	0	0	0	0	0	2	0	0	38	15	10
BLM	115	5	19	0	0	0	0	0	0	6	2	8	190	19	54
DOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	39	0
FS	723	39	108	1	1	6	0	0	0	37	8	31	1,312	88	474
FWS	5	1	0	0	0	0	0	0	0	0	0	0	6	6	0
NPS	35	6	3	0	0	0	0	0	0	0	0	0	42	10	9
ST	216	10	4	0	1	0	0	0	0	6	0	0	378	30	155
Other	40	2	0	0	0	0	0	0	0	13	1	0	107	85	7
<b>Total</b>	<b>1,148</b>	<b>76</b>	<b>135</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>64</b>	<b>11</b>	<b>39</b>	<b>2,073</b>	<b>229</b>	<b>709</b>
<b>Total</b>	<b>1,359</b>			<b>9</b>			<b>0</b>			<b>114</b>			<b>3,011</b>		

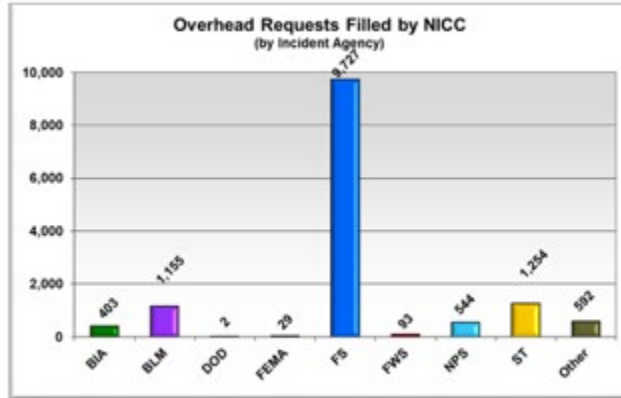
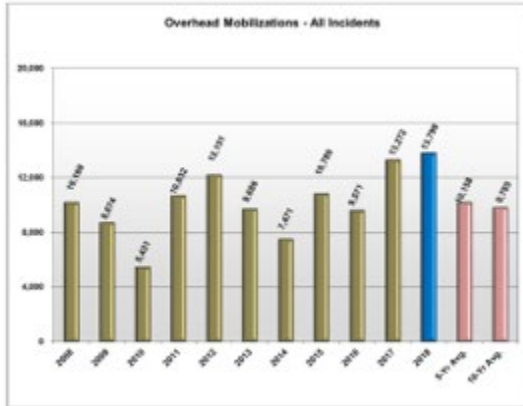
## Engine Summary by Requesting Geographic Area

GACC	Type - 1			Type - 2			Type - 3			Type - 4			Type - 5		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EA	0	0	0	0	0	0	2	7	7	0	0	0	0	0	0
GB	0	0	0	0	0	0	62	17	52	67	2	4	11	0	0
NIFC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	1	0	2	0	0	0	113	40	216	25	0	0	3	0	0
NR	0	0	0	0	0	0	9	0	3	4	1	0	0	0	0
NW	1	0	0	0	2	0	66	14	55	38	7	10	15	1	0
RM	4	0	0	1	0	0	92	19	28	60	5	3	11	1	0
SA	0	0	0	0	0	0	9	0	0	7	0	0	0	0	0
SO	0	0	0	0	0	0	160	15	136	1	0	0	1	0	0
SW	9	0	0	0	0	0	62	10	13	25	0	0	1	0	0
CN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GACC	Type - 6			Type - 7			Other			Tactical Water Tender		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
AK	0	0	0	0	0	0	0	0	0	0	0	0
EA	30	6	8	0	0	0	0	0	0	0	0	0
GB	124	4	5	0	0	0	0	0	0	20	1	3
NIFC	0	0	0	0	0	0	0	0	0	0	0	0
NO	171	3	4	0	1	2	0	0	0	5	0	19
NR	92	12	42	0	0	0	0	0	0	0	0	2
NW	185	10	15	0	0	0	0	0	0	4	2	3
RM	235	20	31	0	0	0	0	0	0	29	8	11
SA	40	11	1	0	0	0	0	0	0	0	0	0
SO	116	0	23	1	0	1	0	0	0	1	0	0
SW	155	10	6	0	1	3	0	0	0	5	0	1
CN	0	0	0	0	0	0	0	0	0	0	0	0

# Overhead Mobilizations

A total of 26,109 requests for overhead positions were processed by NICC in 2018. Of these requests, 13,799 were filled, 1,593 were canceled and 10,717 were UTF. The chart below shows total overhead requests filled annually through NICC.



## Overhead Request Summary by Requesting Agency and Geographic Area

Agency	Fill	Cancel	UTF
BIA	403	59	69
BLM	1,155	141	928
DOD	2	0	0
FEMA	29	3	6
FS	9,727	1,276	8,080
FWS	93	8	11
NPS	544	48	172
ST	1,254	58	1,081
Other	592	0	370
<b>Total</b>	<b>13,799</b>	<b>1,593</b>	<b>10,717</b>
<b>Total</b>		<b>26,109</b>	

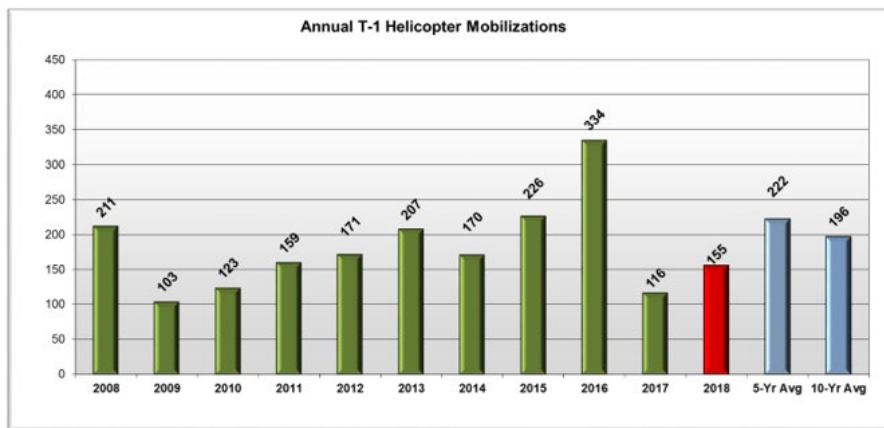
GACC	Fill	Cancel	UTF
AK	102	14	15
EA	336	43	29
GB	2,258	315	1,979
NIFC	168	17	7
NO	918	111	1,048
NR	1,070	76	1,138
NW	3,812	408	3,799
RM	2,223	231	1,157
SA	737	76	91
SO	805	105	1,067
SW	1,358	197	387
Other	0	0	0
CN	12	0	0

# Helicopter Mobilizations

A total of 881 Type 1, 2 and 3 helicopter requests were processed by NICC in 2018: 353 were filled, 54 were canceled and 295 were UTF. Of the 316 Type 1 helicopter requests placed to NICC: 155 were filled, 34 were canceled and 142 were UTF. Of the 211 requests placed to NICC for Type 2 helicopters: 107 were filled, 18 canceled and 86 were UTF. Of the 175 requests placed to NICC for Type 3 helicopters: 124 were filled, 17 canceled and 67 were UTF.

## Type 1 Helicopter Summary

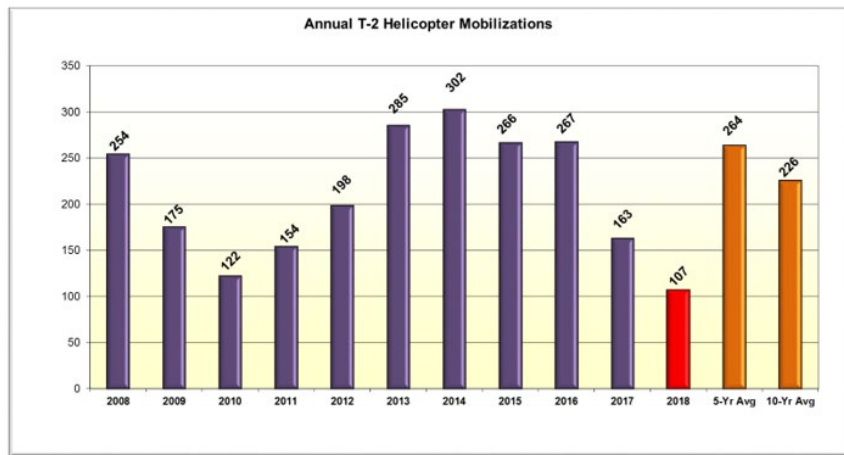
Agency	CWN Type 1	Type 1 EXC	Type 1	
	Fill	Fill	UTF	Cancel
BIA	1	2	3	0
BLM	10	1	0	0
DOD	0	0	0	0
FEMA	0	0	0	0
FS	83	33	120	17
FWS	0	0	0	0
NPS	2	1	4	0
ST	9	7	11	0
Other	4	2	4	2
<b>Total</b>	<b>109</b>	<b>46</b>	<b>142</b>	<b>19</b>
<b>Total</b>	<b>155</b>		<b>161</b>	



# Type 2 Helicopter Summary

Agency	CWN Type 2S	CWN Type 2L	Type 2 EXC	Type 2S		Type 2L	
	Fill	Fill	Fill	UTF	Cancel	UTF	Cancel
BIA	1	1	0	0	1	1	1
BLM	2	3	3	5	1	0	0
DOD	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0
FS	28	22	29	49	7	22	4
FWS	0	0	0	0	0	0	0
NPS	2	3	2	4	0	1	0
ST	3	1	5	1	2	0	0
Other	0	0	2	3	2	0	0
<b>Total</b>	<b>36</b>	<b>30</b>	<b>41</b>	<b>62</b>	<b>13</b>	<b>24</b>	<b>5</b>
<b>Total</b>	<b>107</b>			<b>75</b>		<b>29</b>	

S – Standard Use      L – Limited Use



# Type 3 Helicopter Summary

Agency	CWN Type 3	Type 3 EXC	Type 3		Helicopter Total			Total All Requests
	Fill	Fill	UTF	Cancel	Fill	Cancel	UTF	
BIA	3	5	0	1	13	3	4	20
BLM	5	5	4	1	29	2	9	40
DOD	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0
FS	42	17	46	12	254	40	237	531
FWS	0	0	2	0	0	0	2	2
NPS	2	5	6	0	17	0	15	32
ST	4	2	5	2	31	4	17	52
Other	1	0	4	1	9	5	11	25
<b>Total</b>	<b>57</b>	<b>34</b>	<b>67</b>	<b>17</b>	<b>353</b>	<b>54</b>	<b>295</b>	<b>702</b>
<b>Total</b>	<b>91</b>		<b>84</b>					



# Helicopter Summary by Requesting Geographic Area

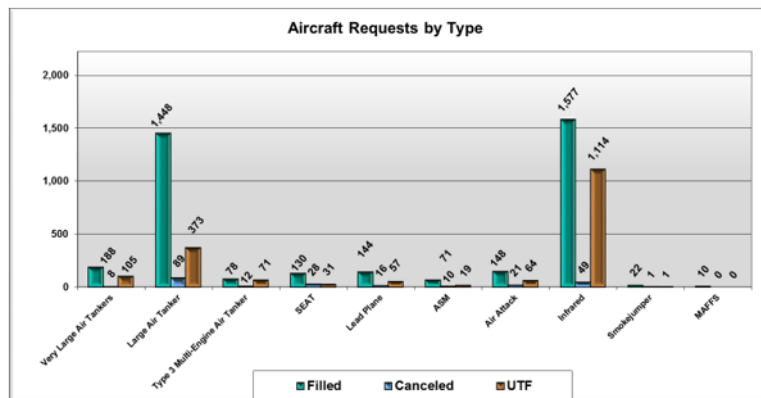
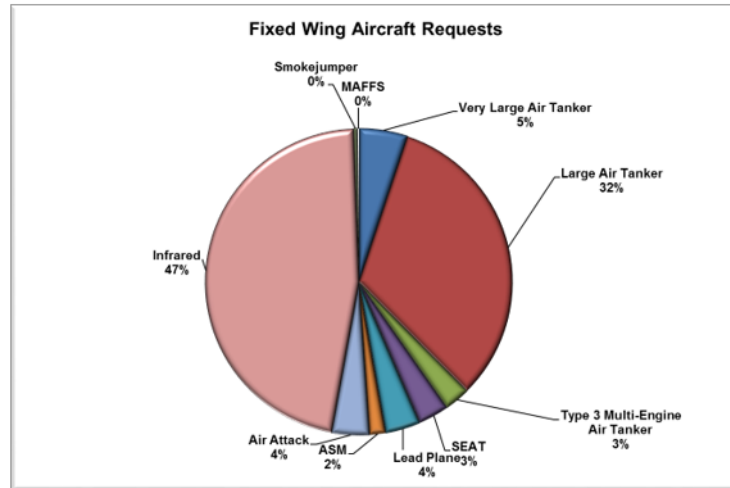
GACC	Type 1 CWN	Type 1 EXC	Type 1	
	Fill	Fill	UTF	Cancel
AK	0	0	0	0
EA	1	1	0	0
GB	23	7	7	4
NIFC	0	0	0	0
NO	8	2	11	1
NR	14	1	65	3
NW	23	8	22	1
RM	24	10	11	4
SA	8	4	0	0
SO	5	4	25	4
SW	3	9	1	2
Other	0	0	0	0
CN	0	0	0	0

GACC	Type 2S CWN	Type 2L CWN	Type 2 EXC	Type 2S		Type 2L	
	Fill	Fill	Fill	UTF	Cancel	UTF	Cancel
AK	0	0	0	0	0	0	0
EA	0	1	0	0	0	0	0
GB	8	1	13	12	3	1	0
NIFC	0	0	0	0	0	0	0
NO	2	2	2	5	1	1	1
NR	3	11	6	20	0	13	2
NW	8	8	9	12	2	4	1
RM	4	5	4	3	0	3	0
SA	0	0	3	0	0	0	0
SO	7	2	0	7	0	0	1
SW	4	0	4	3	7	2	0
Other	0	0	0	0	0	0	0
CN	0	0	0	0	0	0	0

GACC	Type 3 CWN	Type 3 EXC	Type 3	
	Fill	Fill	UTF	Cancel
AK	0	0	0	0
EA	4	2	1	1
GB	10	6	11	4
NIFC	0	0	0	0
NO	4	1	4	0
NR	4	4	22	0
NW	11	7	12	3
RM	15	8	2	1
SA	1	1	1	0
SO	3	0	0	2
SW	5	5	14	6
Other	0	0	0	0
CN	0	0	0	0

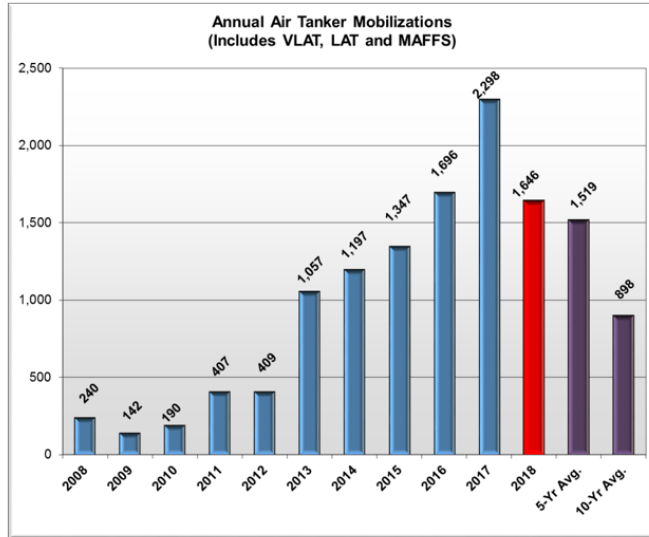
# Fixed Wing Aircraft Mobilizations

The categories for fixed wing aircraft requests include: heavy air tankers, multi engine air tanker (CL-215/415), single engine air tankers (SEAT), lead planes, aerial supervision modules (ASM), air attack, infrared, and smokejumper aircraft. A total of 5,885 fixed wing requests were received at NICC: 3,816 were filled, 234 were canceled and 1,835 were UTF.



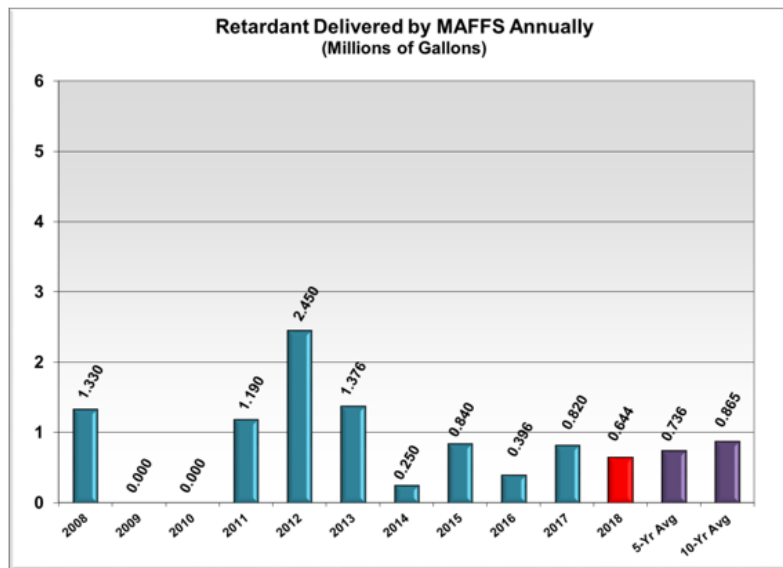
# Air Tanker Mobilizations

A total of 2,221 Type 1 and 2 heavy air tanker requests (civilian and military MAFFS) were processed by NICC in 2018. Of that total, 1,636 (civilian) and 10 (MAFFS) requests were filled, 97 were canceled and 478 were UTF.



Note: Changes in the way air tanker requests are processed in ROSS, as well as the number of air tankers available for fire suppression account for much of the increase from 2013 - 2018.

# Modular Airborne Fire Fighting Systems (MAFFS)



## Fixed Wing Aircraft Summary by Requesting Agency

Agency	Very Large Air Tanker (VLAT)			Large Air Tanker			MAFFS			Type 3 Multi-Engine Air Tanker			SEAT			Lead Plane		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
BIA	3	0	2	61	4	6	0	0	0	0	0	0	8	0	0	3	0	2
BLM	12	3	16	249	13	68	0	0	0	9	0	0	33	0	6	26	2	9
DOD	0	0	0	3	0	3	0	0	0	0	0	0	0	2	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	94	5	37	717	56	162	8	0	0	39	10	38	46	16	19	86	10	31
FWS	0	0	0	4	3	2	0	0	0	0	0	0	0	0	0	2	0	0
NPS	4	0	0	11	1	4	0	0	0	2	0	0	0	0	2	0	0	1
ST	43	0	28	237	8	66	2	0	0	20	2	31	33	4	1	19	1	10
Other	32	0	22	166	4	62	0	0	0	8	0	2	10	6	3	8	3	4
<b>Total</b>	<b>188</b>	<b>8</b>	<b>105</b>	<b>1,448</b>	<b>89</b>	<b>373</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>78</b>	<b>12</b>	<b>71</b>	<b>130</b>	<b>28</b>	<b>31</b>	<b>144</b>	<b>16</b>	<b>57</b>
<b>Total</b>	<b>301</b>			<b>1,910</b>			<b>10</b>			<b>161</b>			<b>189</b>			<b>217</b>		

Agency	ASM			Air Attack			Infrared			SMJ Aircraft			Aircraft Total			Total Requests
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	
BIA	2	0	0	1	1	0	30	1	20	0	0	0	108	6	30	144
BLM	4	1	0	26	6	5	50	3	67	9	0	0	418	28	171	617
DOD	0	0	0	0	0	0	0	0	0	0	0	0	3	2	3	8
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	52	7	17	84	10	49	1,131	34	835	13	1	1	2,270	149	1,189	3,608
FWS	0	0	0	0	0	0	0	0	0	0	0	0	6	3	2	11
NPS	0	0	0	2	0	0	65	1	57	0	0	0	84	2	64	150
ST	10	2	2	21	4	6	250	9	102	0	0	0	635	30	246	911
Other	3	0	0	14	0	4	51	1	33	0	0	0	292	14	130	436
<b>Total</b>	<b>71</b>	<b>10</b>	<b>19</b>	<b>148</b>	<b>21</b>	<b>64</b>	<b>1,577</b>	<b>49</b>	<b>1,114</b>	<b>22</b>	<b>1</b>	<b>1</b>	<b>3,816</b>	<b>234</b>	<b>1,835</b>	<b>5,885</b>
<b>Total</b>	<b>100</b>			<b>233</b>			<b>2,740</b>			<b>24</b>			<b>5,885</b>			

## Fixed Wing Aircraft Summary by Requesting Geographic Area

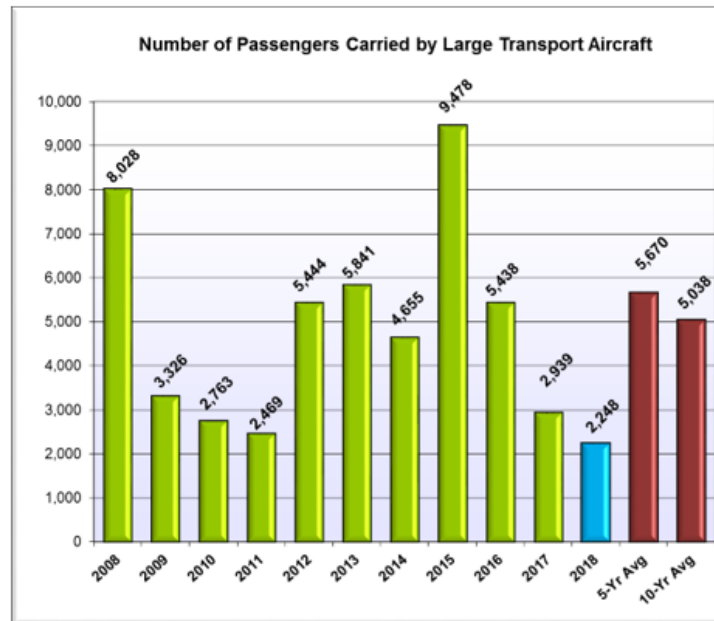
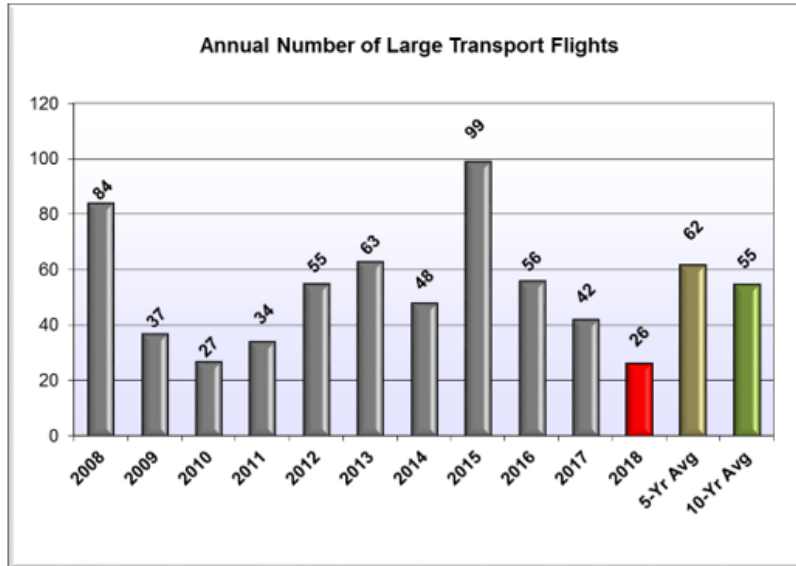
Agency	Very Large Air Tanker (VLAT)			Large Air Tanker			MAFFS			Type 3 Multi-Engine Air Tanker			SEAT			Lead Plane		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EA	0	0	0	11	2	0	0	0	0	3	0	0	1	0	0	0	0	0
GB	61	2	31	432	25	100	0	0	0	38	0	8	48	8	6	48	5	13
NIFC	0	0	0	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	12	1	19	102	10	20	9	0	0	18	12	43	2	0	6	17	3	1
NR	6	0	4	100	6	21	0	0	0	0	0	0	12	2	1	8	3	5
NW	36	2	10	233	6	52	0	0	0	14	0	20	10	2	1	22	1	7
RM	14	3	30	220	13	94	1	0	0	2	0	0	18	8	6	19	3	14
SA	9	0	3	37	1	2	0	0	0	3	0	0	11	0	0	9	0	2
SO	31	0	5	182	7	47	0	0	0	0	0	0	0	0	0	8	1	6
SW	19	0	3	129	13	37	0	0	0	0	0	0	28	8	11	13	0	9
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GACC	ASM			Air Attack			Infrared			SMJ Aircraft			Aircraft Total			Total Requests	
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF		
AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EA	1	0	0	5	1	1	0	0	0	0	0	0	21	3	1	25	25
GB	16	4	1	30	7	11	278	14	189	6	0	0	957	65	359	1381	1381
NIFC	0	0	0	0	0	0	0	0	0	0	0	0	2	6	0	8	8
NO	7	1	0	7	0	6	190	4	34	5	1	1	369	32	130	531	531
NR	1	0	0	13	0	10	277	8	380	2	0	0	419	19	421	859	859
NW	5	0	0	29	6	11	482	7	250	4	0	0	835	24	351	1210	1210
RM	12	0	2	40	3	17	136	5	147	3	0	0	465	35	310	810	810
SA	3	0	1	7	0	0	28	0	11	0	0	0	107	1	19	127	127
SO	14	3	14	3	0	1	80	8	55	0	0	0	318	19	128	465	465
SW	12	2	1	14	4	7	106	3	48	2	0	0	323	30	116	469	469
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

54

# Large Transportation Aircraft

In 2018 there was one exclusive use contract for large transportation aircraft. The contract was filled with a B737-200 jet aircraft. The exclusive use jet flew 25 times. There was also one additional large aircraft charter flights.



## Large Transportation Summary by Requesting Agency and Geographic Area

Agency	Exclusive Use		Charter	
	Flights	Pax	Flights	Pax
BIA	0	0	0	0
BLM	0	0	0	0
DOD	0	0	0	0
FEMA	0	0	0	0
FS	24	2,063	1	94
FWS	0	0	0	0
NPS	0	0	0	0
ST	1	91	0	0
Other	0	0	0	0
<b>Total</b>	<b>25</b>	<b>2,154</b>	<b>1</b>	<b>94</b>

GACC	Exclusive Use		Charter	
	Flights	Pax	Flights	Pax
AK	0	0	0	0
EA	0	0	0	0
GB	5	440	0	0
NIFC	1	100	0	0
NO	4	279	0	0
NR	9	790	1	94
NW	4	366	0	0
RM	0	0	0	0
SA	0	0	0	0
SO	2	179	0	0
SW	0	0	0	0
Other	0	0	0	0
CN	0	0	0	0
<b>Total</b>	<b>25</b>	<b>2,154</b>	<b>1</b>	<b>94</b>

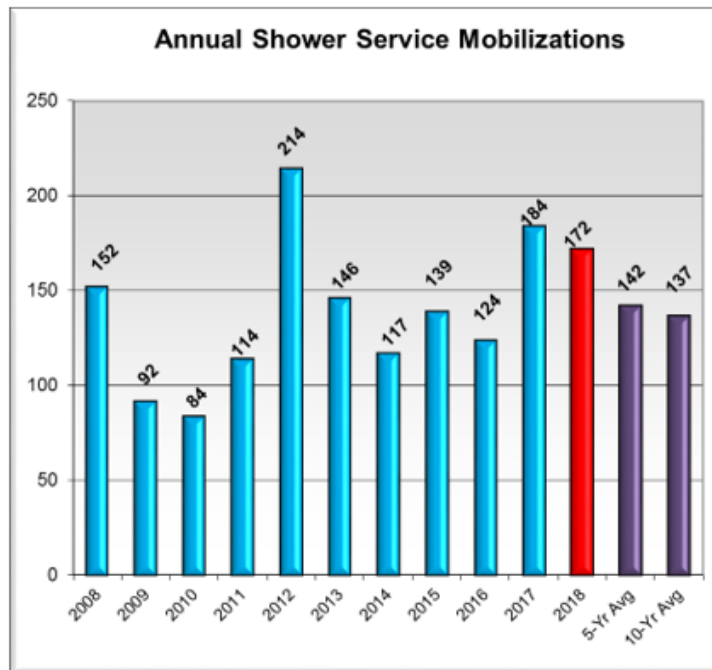
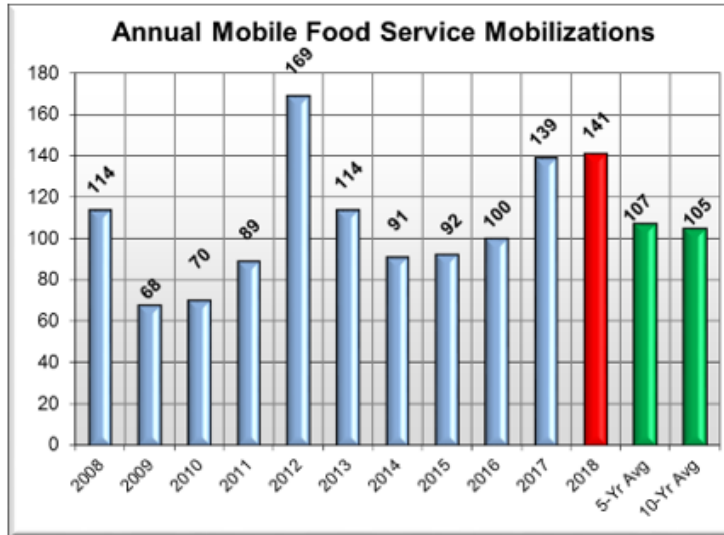
## Light Cargo and Passenger Flights by Requesting Agency and Geographic Area

Agency	Cargo Flights	Cargo Weight	Pax Flights	Pax
BIA	0	0	0	0
BLM	2	1,091	0	0
DOD	0	0	0	0
FEMA	0	0	0	0
FS	5	2,794	0	0
FWS	0	0	0	0
NPS	0	0	0	0
ST	4	2,118	0	0
Other	0	0	0	0
<b>Total</b>	<b>11</b>	<b>6,003</b>	<b>0</b>	<b>0</b>

GACC	Cargo Flights	Cargo Weight	Pax Flights	Pax
AK	0	0	0	0
EA	0	0	0	0
GB	2	1,775	0	0
NIFC	0	0	0	0
NO	2	1,112	0	0
NR	1	163	0	0
NW	1	132	0	0
RM	0	0	0	0
SA	0	0	0	0
SO	3	2,238	0	0
SW	2	583	0	0
Other	0	0	0	0
CN	0	0	0	0
<b>Total</b>	<b>11</b>	<b>6,003</b>	<b>0</b>	<b>0</b>

# Equipment Services Mobilization

A total of 157 requests for mobile food services were processed at NICC: Of these 141 were filled, 12 were canceled and 4 were UTF. A total of 195 shower units were requested: Of these 172 were filled, 14 were canceled and 9 were UTF.





## Equipment Services by Requesting Agency

Agency	Mobile Food			Showers			Total		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
BIA	6	0	0	6	0	0	12	0	0
BLM	21	3	1	17	2	4	38	5	5
DOD	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0
FS	88	6	3	114	9	4	202	15	7
FWS	0	0	0	0	0	0	0	0	0
NPS	4	1	0	3	1	1	7	2	1
ST	10	2	0	19	2	0	29	4	0
Other	12	0	0	13	0	0	25	0	0
<b>Total</b>	<b>141</b>	<b>12</b>	<b>4</b>	<b>172</b>	<b>14</b>	<b>9</b>	<b>313</b>	<b>26</b>	<b>13</b>
<b>Total</b>	<b>157</b>			<b>195</b>			<b>352</b>		

## Equipment Services by Geographic Area

GACC	Mobile Food			Showers			Total
	Fill	Cancel	UTF	Fill	Cancel	UTF	
AK	0	0	0	0	0	0	0
EA	0	0	0	0	0	0	0
GB	32	2	1	35	3	1	74
NIFC	0	0	0	0	0	0	0
NO	16	0	1	24	1	0	42
NR	11	1	1	12	0	2	27
NW	32	3	1	45	1	5	87
RM	25	2	0	28	4	0	59
SA	2	0	0	2	0	0	4
SO	10	2	0	13	3	1	29
W	13	2	0	13	2	0	30
CN	0	0	0	0	0	0	0

# Radio and Weather Equipment Mobilizations

A total of 594 requests for radio kits and weather equipment were received at NICC in 2018. Of that total, 549 were filled, 20 were canceled and 25 were UTF.

## Radio and Weather Equipment Summary by Requesting Agency

Agency	4390 Starter			4312 Repeater			4381 Tactical			5869 IRAWS		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
BIA	2	0	0	3	0	0	0	0	0	1	0	2
BLM	12	0	1	23	0	0	0	0	1	4	1	0
DOD	0	0	0	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0
FS	95	7	6	169	5	3	6	0	1	80	5	6
FWS	1	0	0	1	1	0	0	0	0	0	0	0
NPS	2	0	0	5	0	0	0	0	0	2	0	0
ST	15	0	0	54	0	3	7	0	0	19	0	0
Other	5	0	0	23	1	0	0	0	0	20	0	2
<b>Total</b>	<b>132</b>	<b>7</b>	<b>7</b>	<b>278</b>	<b>7</b>	<b>6</b>	<b>13</b>	<b>0</b>	<b>2</b>	<b>126</b>	<b>6</b>	<b>10</b>
<b>Total</b>	<b>146</b>			<b>291</b>			<b>15</b>			<b>142</b>		

Agency	Equipment Total			Total Requests
	Fill	Cancel	UTF	
BIA	6	0	2	8
BLM	39	1	2	42
DOD	0	0	0	0
FEMA	0	0	0	0
FS	350	17	16	383
FWS	2	1	0	3
NPS	9	0	0	9
ST	95	0	3	98
Other	48	1	2	51
<b>Total</b>	<b>549</b>	<b>20</b>	<b>25</b>	<b>594</b>
<b>Total</b>	<b>594</b>			

## Radio and Weather Equipment Summary by Requesting Geographic Area

GACC	4390 Starter			4312 Repeater			4381 Tactical			5869 IRAWS			Total Requests
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	
AK	2	0	0	2	0	0	0	0	0	0	0	0	4
EA	4	0	0	0	0	0	0	0	0	0	0	0	4
GB	26	2	0	62	1	1	0	0	0	35	3	6	136
NIFC	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	18	0	0	39	0	3	3	0	0	18	0	0	81
NR	11	0	0	18	0	0	0	0	0	10	0	0	39
NW	26	0	4	61	4	1	4	0	1	28	1	4	134
RM	21	3	1	38	0	0	3	0	0	20	2	0	88
SA	3	0	0	8	0	0	1	0	1	0	0	0	13
SO	8	0	2	24	0	1	0	0	0	6	0	0	41
SW	13	2	0	26	2	0	2	0	0	9	0	0	54
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
CN	2	0	0	2	0	0	0	0	0	0	0	0	4

# National Report of Wildland Fires and Acres burned by State

Figures from the Fire and Aviation Management Web Applications Program.

## Alabama

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FS	11	244	0	0	11	244
OTHR	7	238	0	0	7	238
ST	952	14,981	0	0	952	14,981
<b>Totals:</b>	<b>970</b>	<b>15,463</b>	<b>0</b>	<b>0</b>	<b>970</b>	<b>15,463</b>

## Alaska

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
BLM	31	645	92	363,997	123	364,642
DVF	160	28,273	46	17,740	206	46,013
FS	38	28	0	0	38	28
<b>Totals:</b>	<b>229</b>	<b>28,946</b>	<b>138</b>	<b>381,737</b>	<b>367</b>	<b>410,683</b>

## Arizona

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
BIA	469	28,959	59	2,707	528	31,666
BLM	104	2,738	39	2,745	143	5,483
DOD	3	36	0	0	3	36
DVF	376	23,294	12	10,425	388	33,719
FS	399	31,224	501	51,366	900	82,590
FWS	4	8	1	15	5	23
NPS	9	175	24	11,664	33	11,839
<b>Totals:</b>	<b>1,364</b>	<b>86,434</b>	<b>636</b>	<b>78,922</b>	<b>2,000</b>	<b>165,356</b>

## Arkansas

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FS	90	3,089	9	1,305	99	4,394
FWS	1	10	0	0	1	10
NPS	14	367	0	0	14	367
OTHR	1,005	19,300	0	0	1,005	19,300
<b>Totals:</b>	<b>1,110</b>	<b>22,766</b>	<b>9</b>	<b>1,305</b>	<b>1,119</b>	<b>24,071</b>

## California

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	119	4,434	2	200	121	4,634
BLM	103	3,824	12	791	115	4,615
C&L	42	103,106	0	0	42	103,106
CDF	6,712	930,270	0	0	6,712	930,270
FS	708	614,032	257	114,862	965	728,895
FWS	9	14	0	0	9	14
NPS	56	50,365	34	1,253	90	51,618
<b>Totals:</b>	<b>7,749</b>	<b>1,706,045</b>	<b>305</b>	<b>117,107</b>	<b>8,054</b>	<b>1,823,153</b>

## Colorado

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	19	153	88	82	107	235
BLM	53	22,504	308	30,349	361	52,853
C&L	242	242,674	177	16,002	419	258,676
FS	160	76,816	224	70,108	384	146,924
FWS	2	0	1	0	3	0
NPS	7	17	24	255	31	272
OES	0	6,215	1	0	1	6,215
OTHR	0	0	0	159	0	159
USA	19	10,413	2	33	21	10,446
USAF	0	0	1	23	1	23
<b>Totals:</b>	<b>502</b>	<b>358,792</b>	<b>826</b>	<b>117,011</b>	<b>1,328</b>	<b>475,803</b>

## Connecticut

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
ST	52	40	0	0	52	40
<b>Totals:</b>	<b>52</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>40</b>

## Delaware

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
<b>Totals:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Florida

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	5	4,180	2	79	7	4,259
DOD	48	1,637	0	0	48	1,637
FS	47	7,232	8	487	55	7,719
FWS	4	1,071	1	614	5	1,685
NPS	15	6,226	24	9,822	39	16,048
OTHR	117	1,209	10	750	127	1,959

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
ST	1,692	44,405	243	52,789	1,935	97,194
USAF	33	8,319	0	0	33	8,319
<b>Totals:</b>	<b>1,961</b>	<b>74,279</b>	<b>288</b>	<b>64,541</b>	<b>2,249</b>	<b>138,820</b>

## Georgia

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
FS	2	11	1	1	3	12
FWS	2	1	0	0	2	1
ST	2,496	13,597	71	626	2,567	14,223
<b>Totals:</b>	<b>2,500</b>	<b>13,609</b>	<b>72</b>	<b>627</b>	<b>2,572</b>	<b>14,236</b>

## Hawaii

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
C&L	1	18,000	0	0	1	18,000
NPS	2	3,979	0	0	2	3,979
<b>Totals:</b>	<b>3</b>	<b>21,979</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>21,979</b>

## Idaho

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	26	3,392	2	0	28	3,392
BLM	140	72,461	81	274,442	221	346,903
BOR	2	50	0	0	2	50
C&L	117	54,812	11	4,136	128	58,948
DOD	0	0	1	2	1	2
FS	121	76,231	174	105,505	295	181,736
ST	397	8,870	60	4,580	457	13,450
<b>Totals:</b>	<b>803</b>	<b>215,816</b>	<b>329</b>	<b>388,665</b>	<b>1,132</b>	<b>604,481</b>

## Illinois

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	6	120	0	0	6	120
<b>Totals:</b>	<b>6</b>	<b>120</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>120</b>

## Indiana

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	9	100	0	0	9	100
NPS	17	15	0	0	17	15
<b>Totals:</b>	<b>26</b>	<b>115</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>115</b>

## Iowa

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FWS	5	892	0	0	5	892
ST	381	7,122	0	0	381	7,122
<b>Totals:</b>	<b>386</b>	<b>8,014</b>	<b>0</b>	<b>0</b>	<b>386</b>	<b>8,014</b>

## Kansas

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
BIA	23	1,198	1	2	24	1,200
C&L	36	56,396	1	28	37	56,424
FS	1	0	3	1	4	1
FWS	4	97	2	1,512	6	1,609
<b>Totals:</b>	<b>64</b>	<b>57,691</b>	<b>7</b>	<b>1,543</b>	<b>71</b>	<b>59,234</b>

## Kentucky

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FS	16	110	1	65	17	175
ST	359	8,242	0	0	359	8,242
<b>Totals:</b>	<b>375</b>	<b>8,352</b>	<b>1</b>	<b>65</b>	<b>376</b>	<b>8,417</b>

## Louisiana

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FS	45	2,933	4	690	49	3,623
FWS	4	79	6	583	10	662
ST	588	6,457	0	0	588	6,457
<b>Totals:</b>	<b>637</b>	<b>9,469</b>	<b>10</b>	<b>1,273</b>	<b>647</b>	<b>10,742</b>

## Maine

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
NPS	2	0	0	0	2	0
ST	519	625	21	53	540	678
<b>Totals:</b>	<b>521</b>	<b>625</b>	<b>21</b>	<b>53</b>	<b>542</b>	<b>678</b>

## Maryland

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
ST	73	358	3	1	76	359
<b>Totals:</b>	<b>73</b>	<b>358</b>	<b>3</b>	<b>1</b>	<b>76</b>	<b>359</b>

## Massachusetts

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	320	210	0	0	320	210
<b>Totals:</b>	<b>320</b>	<b>210</b>	<b>0</b>	<b>0</b>	<b>320</b>	<b>210</b>

## Michigan

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	17	10	2	10	19	20
FS	114	162	2	11	116	173
ST	285	3,349	11	244	296	3,593
<b>Totals:</b>	<b>416</b>	<b>3,521</b>	<b>15</b>	<b>265</b>	<b>431</b>	<b>3,786</b>

## Minnesota

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	448	4,135	0	0	448	4,135
FS	71	180	5	1	76	181
FWS	15	1,032	0	0	15	1,032
ST	803	11,657	2	0	805	11,657
<b>Totals:</b>	<b>1,337</b>	<b>17,004</b>	<b>7</b>	<b>1</b>	<b>1,344</b>	<b>17,005</b>

## Mississippi

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	32	5,163	0	0	32	5,163
FWS	0	0	0	0	0	0
OTHR	796	11,204	1	1	797	11,205
ST	339	4,826	0	0	339	4,826
<b>Totals:</b>	<b>1,167</b>	<b>21,193</b>	<b>1</b>	<b>1</b>	<b>1,168</b>	<b>21,194</b>

## Missouri

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	93	5,781	1	21	94	5,802
FWS	3	55	0	0	3	55
NPS	6	168	0	0	6	168
<b>Totals:</b>	<b>102</b>	<b>6,004</b>	<b>1</b>	<b>21</b>	<b>103</b>	<b>6,025</b>

## Montana

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	279	2,276	56	2,749	335	5,025
BLM	10	3	50	956	60	959
C&L	320	13,249	103	3,701	423	16,950
FS	166	1,235	162	50,785	328	52,020
FWS	1	37	2	2,900	3	2,937



Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
NPS	1	4	9	17,435	10	17,439
ST	138	2,107	45	377	183	2,484
<b>Totals:</b>	<b>915</b>	<b>18,911</b>	<b>427</b>	<b>78,903</b>	<b>1,342</b>	<b>97,814</b>

### Nebraska

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	21	73	0	0	21	73
DOF	4	24	2	3	6	27
FS	4	6	2	5	6	11
FWS	1	5	0	0	1	5
NPS	2	7	-1	-1	1	6
<b>Totals:</b>	<b>32</b>	<b>115</b>	<b>3</b>	<b>7</b>	<b>35</b>	<b>122</b>

### Nevada

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BLM	155	489,262	175	131,090	330	620,352
C&L	144	82,615	38	113,928	182	196,543
DOD	1	2	2	3,242	3	3,244
FS	34	23,075	69	147,129	103	170,204
FWS	4	1	1	0	5	1
NPS	15	52	1	0	16	52
OTHR	2	5,146	0	6,294	2	11,440
ST	6	125	2	5	8	130
<b>Totals:</b>	<b>361</b>	<b>600,278</b>	<b>288</b>	<b>401,688</b>	<b>649</b>	<b>1,001,966</b>

### New Hampshire

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	143	61	2	0	145	61
<b>Totals:</b>	<b>143</b>	<b>61</b>	<b>2</b>	<b>0</b>	<b>145</b>	<b>61</b>

### New Jersey

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	625	1,347	0	0	625	1,347
<b>Totals:</b>	<b>625</b>	<b>1,347</b>	<b>0</b>	<b>0</b>	<b>625</b>	<b>1,347</b>

### New Mexico

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	130	1,418	54	41	184	1,459
BLM	50	791	87	2,122	137	2,913
DOE	0	0	1	0	1	0
FS	179	76,034	270	28,376	449	104,410

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	4	216	3	210	7	426
NPS	2	0	9	1,841	11	1,841
OTHR	0	0	0	0	0	0
SF	368	142,243	177	129,052	545	271,295
<b>Totals:</b>	<b>733</b>	<b>220,702</b>	<b>601</b>	<b>161,642</b>	<b>1,334</b>	<b>382,344</b>

### New York

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	4	3	0	0	4	3
ST	99	815	6	30	105	845
<b>Totals:</b>	<b>103</b>	<b>818</b>	<b>6</b>	<b>30</b>	<b>109</b>	<b>848</b>

### North Carolina

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	9	46	0	0	9	46
FS	25	896	0	0	25	896
ST	3,470	10,839	35	246	3,505	11,085
USA	52	1,518	0	0	52	1,518
USM	34	4,513	0	0	34	4,513
<b>Totals:</b>	<b>3,590</b>	<b>17,812</b>	<b>35</b>	<b>246</b>	<b>3,625</b>	<b>18,058</b>

### North Dakota

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	599	3,733	5	63	604	3,796
FS	6	385	3	47	9	432
FWS	10	1,737	0	0	10	1,737
NPS	9	10	0	0	9	10
ST	378	13,447	16	135	394	13,582
<b>Totals:</b>	<b>1,002</b>	<b>19,312</b>	<b>24</b>	<b>245</b>	<b>1,026</b>	<b>19,557</b>

### Ohio

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	63	302	0	0	63	302
NPS	1	1	0	0	1	1
ST	3	34	0	0	3	34
<b>Totals:</b>	<b>67</b>	<b>337</b>	<b>0</b>	<b>0</b>	<b>67</b>	<b>337</b>

## Oklahoma

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	442	116,791	1	51	443	116,842
FWS	12	4,540	0	0	12	4,540
OTHR	165	2,689	0	0	165	2,689
ST	1,087	621,026	0	0	1,087	621,026
<b>Totals:</b>	<b>1,706</b>	<b>745,046</b>	<b>1</b>	<b>51</b>	<b>1,707</b>	<b>745,097</b>

## Oregon

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	76	1,245	16	8,504	92	9,749
BLM	108	123,856	103	133,701	211	257,557
C&L	6	78,430	10	102,340	16	180,770
DOF	742	48,165	223	42,503	965	90,668
FS	392	75,528	316	275,857	708	351,385
FWS	2	2,303	6	1,504	8	3,807
NPS	4	193	15	3,133	19	3,326
<b>Totals:</b>	<b>1,330</b>	<b>329,720</b>	<b>689</b>	<b>567,542</b>	<b>2,019</b>	<b>897,262</b>

## Pennsylvania

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	2	30	0	0	2	30
ST	1,271	3,583	3	1	1,274	3,584
<b>Totals:</b>	<b>1,273</b>	<b>3,613</b>	<b>3</b>	<b>1</b>	<b>1,276</b>	<b>3,614</b>

## Puerto Rico

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	7	39	0	0	7	39
ST	18	350	0	0	18	350
<b>Totals:</b>	<b>25</b>	<b>389</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>389</b>

## Rhode Island

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	32	14	0	0	32	14
<b>Totals:</b>	<b>32</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>14</b>

## South Carolina

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	21	3,475	0	0	21	3,475
FWS	1	17	0	0	1	17
NPS	2	3	0	0	2	3
OTHR	1,076	5,830	19	75	1,095	5,905

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	12	154	1	0	13	154
USA	4	384	0	0	4	384
<b>Totals:</b>	<b>1,116</b>	<b>9,863</b>	<b>20</b>	<b>75</b>	<b>1,136</b>	<b>9,939</b>

### South Dakota

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	153	1,269	4	25	157	1,294
BLM	1	16	0	0	1	16
C&L	1	22	0	0	1	22
FS	17	99	19	11	36	110
FWS	0	0	0	0	0	0
NPS	1	0	2	3	3	3
ST	193	2,999	42	583	235	3,582
<b>Totals:</b>	<b>366</b>	<b>4,405</b>	<b>67</b>	<b>622</b>	<b>433</b>	<b>5,027</b>

### Tennessee

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	2	122	0	0	2	122
NPS	2	0	0	0	2	0
ST	335	3,630	2	11	337	3,641
<b>Totals:</b>	<b>339</b>	<b>3,752</b>	<b>2</b>	<b>11</b>	<b>341</b>	<b>3,763</b>

### Texas

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BLM	1	15	0	0	1	15
C&L	9,114	154,051	382	26,294	9,496	180,345
FS	35	371	4	6	39	377
FWS	4	336	3	1,695	7	2,031
NPS	13	3,309	7	5,318	20	8,627
ST	850	218,011	128	160,405	978	378,416
<b>Totals:</b>	<b>10,017</b>	<b>376,093</b>	<b>524</b>	<b>193,718</b>	<b>10,541</b>	<b>569,811</b>

### Utah

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	14	1,875	18	9,696	32	11,571
BLM	104	16,554	243	51,357	347	67,911
DOD	2	1,432	0	0	2	1,432
FS	86	51,219	174	124,310	260	175,529
FWS	1	0	0	0	1	0
NPS	5	1	15	1,187	20	1,188
ST	483	86,401	188	94,951	671	181,352

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
<b>Totals:</b>	<b>695</b>	<b>157,482</b>	<b>638</b>	<b>281,501</b>	<b>1,333</b>	<b>438,983</b>

### Vermont

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	57	112	2	1	59	113
<b>Totals:</b>	<b>57</b>	<b>112</b>	<b>2</b>	<b>1</b>	<b>59</b>	<b>113</b>

### Virginia

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BLM	615	5,947	9	36	624	5,983
FS	19	3,256	1	6	20	3,262
FWS	3	2	0	0	3	2
NPS	4	30	0	0	4	30
ST	615	5,947	0	0	615	5,947
<b>Totals:</b>	<b>1,256</b>	<b>15,182</b>	<b>10</b>	<b>42</b>	<b>1,266</b>	<b>15,224</b>

### Washington

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	193	9,707	20	5,926	213	15,633
BLM	56	87,272	7	1,723	63	88,995
DNR	1,033	142,286	92	82	1,125	142,368
FS	141	3,989	150	136,864	291	140,853
FWS	26	36,598	2	13,011	28	49,609
NPS	7	5	16	1,370	23	1,375
<b>Totals:</b>	<b>1,456</b>	<b>279,857</b>	<b>287</b>	<b>158,976</b>	<b>1,743</b>	<b>438,833</b>

### West Virginia

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	4	499	0	0	4	499
NPS	2	171	0	0	2	171
ST	461	5,700	0	0	461	5,700
<b>Totals:</b>	<b>467</b>	<b>6,370</b>	<b>0</b>	<b>0</b>	<b>467</b>	<b>6,370</b>

### Wisconsin

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	2	1	0	0	2	1
FS	7	19	0	0	7	19
ST	807	1,657	9	1	816	1,658
<b>Totals:</b>	<b>816</b>	<b>1,677</b>	<b>9</b>	<b>1</b>	<b>825</b>	<b>1,678</b>

## Wyoming

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	92	696	5	391	97	1,087
BLM	91	14,122	79	72,973	170	87,095
BOR	3	5	0	0	3	5
C&L	145	16,925	59	30,204	204	47,130
FS	60	117,397	43	18,225	103	135,622
NPS	4	5	8	2,709	12	2,714
SF	15	1,530	7	4,057	22	5,588
<b>Totals:</b>	<b>410</b>	<b>150,681</b>	<b>201</b>	<b>128,561</b>	<b>611</b>	<b>279,242</b>

# NICC Benchmarks

Records set during the year of this report are in **bold**. Military and resource figures constitute what was processed through the National Interagency Coordination Center. Team mobilizations include both wildfire and non-fire incidents.

<b>Category</b>	<b>Record Year</b>	<b>Record</b>	<b>2019 Stats</b>
<b>Wildfires</b>	2006	96,385	58,083
<b>Wildfire Acres Burned</b>	2015	10,125,149	8,767,492
<b>Significant Fires</b>	2006	1,801	1,167
<b>Days at Preparedness Level 1&amp;2</b>	2012	45	13
<b>Days at Preparedness Level 4&amp;5</b>	2002	62	34
<b>Days at Preparedness Level 5</b>	2002	85	15
<b>Type 1 IMT Mobilizations (fire &amp; non-fire)</b>	2000	58	18
<b>Type 2 IMT Mobilizations (fire &amp; non-fire)</b>	1988	8	1
<b>Dept. of Defense Battalions/Task Forces</b>	1994	5.03	0.8
<b>MAFFS (millions of gallons delivered)</b>	2003	1,796	989
<b>Tactical Crew Mobilizations</b>	2007	2,267	2,009
<b>Engine Mobilizations</b>	2000	17,898	13,799
<b>Overhead Mobilizations</b>	2006	288	155
<b>Type 1 Helicopter Mobilizations</b>	2006	323	107
<b>Type 2 Helicopter Mobilizations</b>	2017*	2,298	1,646
<b>Heavy Airtankers (VLAT/LAT/MAFFS)</b>	1994	552	26
<b>Large Transport Flights</b>	1994	195	141
<b>Mobile Food Units</b>	1994	256	172
<b>Shower Units</b>	2006	96,385	58,083

\* Changes in the way air tanker requests are processed in ROSS, as well the number of air tankers available for fire suppression account for much of the increase from 2013 - 2018.

# Identifier Legend

## **Interagency Coordination Centers**

NICC: National Interagency Coordination Center

NIFC: National Interagency Fire Center

CIIFC: Canadian Interagency Forest Fire Centre

AK: Alaska Area

EA: Eastern Area

GB: Great Basin Area

NO: Northern California Area

NR: Northern Rockies Area

NW: Northwest Area

RM: Rocky Mountain Area

SA: Southern Area

SW: Southwest Area

SO: Southern California Area

## **Federal Government Agencies**

FS: Forest Service

BIA: Bureau of Indian Affairs

BLM: Bureau of Land Management

FWS: Fish and Wildlife Service

NPS: National Park Service

FEMA: Federal Emergency Management Agency

ESF4: Emergency Support Function, Firefighting

NWS: National Weather Service

DOE: Department of Energy

DOD: Department of Defense

## **International Partners**

AU: Australia

CN: Canada

MX: Mexico

NZ: New Zealand

## **Other Providers/Ownership**

CNTY: County

OT: Other

PRI: Private

ST: State

ST/OT: State/Other Combined



# Acronyms and Terminology

<b>Air Attack:</b>	Light aircraft (airplane or helicopter) that carries the ATGS.
<b>ASM:</b>	Aerial Supervision Module, light twin-engine airplane that combines the lead plane function and tactical supervision (pilot and Air Tactical Supervisor - ATS).
<b>CWN:</b>	Call When Needed, refers to aircraft that have a call when needed contract.
<b>DRTI:</b>	Distributed Real-Time Infrared aircraft (operated by DOD).
<b>EXCL:</b>	Exclusive-Use Contract. Refers to aircraft that have an exclusive-use contact with an agency.
<b>IA:</b>	Initial attack.
<b>IMT:</b>	Incident Management Team.
<b>Infrared:</b>	Aircraft outfitted with infrared sensing equipment.
<b>IROC:</b>	Interagency Resource Ordering Capability System.
<b>Large fire:</b>	A large fire is defined as 100 acres or greater in timber, 300 acres or greater in grass/brush, or a Type 1, Type 2 or NIMO team is assigned.
<b>LAT:</b>	Large Airtanker.
<b>Lead Plane:</b>	Twin-engine airplane that guides airtankers over a fire.
<b>MAFFS:</b>	Modular Airborne Fire Fighting System (military C-130 aircraft).
<b>NIMO:</b>	National Incident Management Organization.
<b>Pax:</b>	Passengers.
<b>RAWS:</b>	Remote Automated Weather Station.
<b>Starter:</b>	Type of portable radio kit.
<b>Repeater:</b>	Type of portable radio kit.
<b>Tactical:</b>	Type of portable radio kit.
<b>SEAT:</b>	Single engine airtanker.
<b>TFR:</b>	Temporary Flight Restriction.
<b>UTF:</b>	Unable to Fill resource request (the requested resource couldn't be filled).
<b>UAS:</b>	Unmanned aircraft systems.
<b>VLAT:</b>	Very Large Airtanker.