

# **National Interagency Coordination Center**

## **Wildland Fire Summary and Statistics Annual Report 2020**



Cameron Peak Fire, Colorado



# National Interagency Coordination Center



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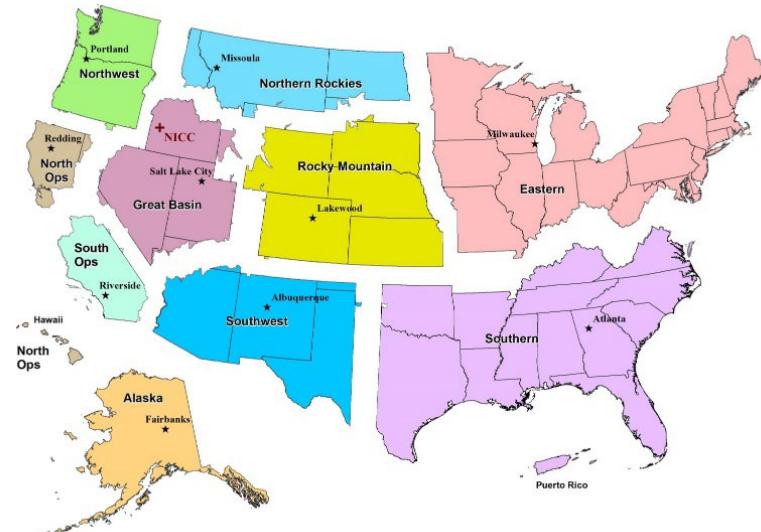
## Preface

Statistics used in this report were gathered from the Situation Report and Incident Status Summary (ICS-209) programs<sup>1</sup>. 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 they may not reflect official figures for a specific agency. The statistics are delineated by agency and Geographic Area. This document and prior year annual reports are available electronically on NICC's Intelligence web page:

<https://www.predictiveservices.nifc.gov/intelligence/intelligence.htm>

Resource mobilization statistics used in this report were gathered from the Interagency Resource Ordering Capability system (IROC), which tracks tactical, logistical, service, and support resources mobilized by the national incident dispatch coordination system. Statistics presented in this report are resources requested by any of the ten Geographic Area Coordination Centers (GACCs) and processed through NICC, apart from incident management teams<sup>2</sup>. 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 (<https://www.nifc.gov/nicc/>) under reference materials.

## Geographic Area Coordination Centers



<sup>1</sup> Situation Report and ICS-209 data are considered situational and provisional, as they are reported while wildfire activity and incidents are occurring, plus they do not account for all wildland fires and their final outcomes. Some wildfires, including many that are suppressed solely by private citizens or local fire departments (not by wildland fire management agencies), are never reported to any Dispatch Center that submits Situation Report data. Additionally, ICS-209 reports are not required for the small, short duration wildfires that comprise the vast majority of overall fire occurrence annually. For official data and summary statistics, one must contact each of the individual agencies affected and refer to their final fire reports and other authoritative sources of agency-specific information.

<sup>2</sup> This report only tallies resource requests processed through NICC, with the exception of Incident Management Team mobilizations, it excludes the substantial number of IROC orders that were placed and filled within the same GACC. It also excludes any resource usage not tracked in IROC, such as local dispatch of initial attack resources.

# 2020 Fire Environment Summary

## January – March

The northwestern portion of the US saw significant improvement in snowpack accrual as basin snowpack averages went from 35% to nearly 100% of average in January. The Midwest and the eastern states generally received average to above average precipitation. Temperatures across the West were generally average to below average for the first three weeks of January, but well above average temperatures developed the last week of January as an upper-level ridge resided over the California coast. In the East, temperatures were generally 4°F to 10°F above average for the month.

After progressive weather patterns in January, most locations along the West Coast became increasingly impacted by persistent upper-level ridges that promoted very dry conditions across California, northern Arizona, and the western Great Basin in February. Many locations across these areas received less than 25% of average precipitation for the month. In the East, the presence of persistent troughs over the Great Plains promoted a warm and very moist southwesterly flow pattern. Despite persistent high pressure along the West Coast, temperatures generally remained near normal across the West in February with below normal temperatures in Alaska. In the East, temperatures were 2°F to 9°F above average.

An upper-level ridge along the West Coast weakened and reformed over the central Pacific Ocean in mid-March. A series of weather systems moved southeast from the Gulf of Alaska into the contiguous US with storms tracking south along the coast, onshore into California, and across the Southwest. Central portions of the Great Basin and the northwest portion of the Northern Rockies experienced drier than average conditions with generally less than 25% of average precipitation falling. In the East, conditions were generally wet except across Florida, which was much drier than average. Across the Great Plains, below average precipitation was received except across Oklahoma and central through North Texas. Temperatures across the country were generally 2°F to 6°F above average except along the West Coast, Montana, Wyoming, and northern Idaho where they were generally below average.

Drought expanded and intensified in South Texas, along the Gulf Coast, and on the Florida Peninsula from the end of December to the end of March. Drought also developed in California, Nevada, and Oregon. Drought remained over the Four Corners region and intensified in parts of the Pacific Northwest. By the end of March, mountain snowpack remained near to above average on the Continental Divide, along the Canadian Border, and across the Alaskan Interior. Snowpack was below average to well below average across the High Sierra, southern Cascades, Great Basin, Sawtooth Mountains, Kenai Peninsula, and the Chugach Mountains.

## April – June

Drought continued to intensify and expand across much of the Northwest in April and May. Across the Four Corner states, Great Basin, and west Texas, the drought began to expand and intensify with moderate to severe drought in the Four Corners region and southeast Colorado. Florida experienced some drought intensification in early spring but was followed by improvement in late May. Mountain snowpack melting accelerated in late April and continued through May with most basins without snowpack by the end of May.

National fire activity remained light in April and May with the Southern Area recording the

most activity. This included several large fires in Florida, with most of the activity in the Florida Panhandle. The western Great Lakes and portions of the Mid-Atlantic and Northeast experienced increased fire activity during late spring due to very dry fuels and multiple dry cold frontal passages. On May 30, a significant severe weather event occurred in the Pacific Northwest and into portions of Utah and Idaho with abundant lightning in northern California, the Pacific Northwest, and portions of the Intermountain West. A derecho, a long-lived, widespread windstorm associated with thunderstorms, occurred on June 6. It started in Utah and spread northeast across Colorado and Wyoming into western Nebraska and South Dakota.

The western fire season began in earnest during June with a notable increase of fire activity as fine fuels became critically dry across the southern half of the West. Overall, drought continued and intensified in many areas of the West during June with an early loss of snowpack across much of the West, especially in the High Sierra and southern Cascades, leading to the larger and high-elevation fuels becoming mostly receptive by the end of June. Persistent hot and dry conditions along with periodic wind events allowed for the development of large fires across the Southwest, Colorado, and southern California. Drier thunderstorms followed by multiple periods of dry and windy conditions in the Southwest and southern High Plains resulted in multiple new large fires in early and mid-June. A three-day lighting event led to an increase in fire activity during third week of June across the Great Basin and California.

### **July – September**

The North American Monsoon onset was delayed across the Southwest and more focused on eastern Arizona and much of New Mexico. Due to the late onset and lack of robust moisture surges into most of Arizona, much of the state remained at below normal precipitation with above normal temperatures, including some locations recording some of their lowest rainfall totals during a monsoon season.

A significant increase of fire activity was observed in July as fuels continued to cure across the West and lightning spread farther north and west into the Great Basin, northern California, Pacific Northwest, and Northern Rockies. While the Rocky Mountain Area, Southwest, and southern Great Basin saw an increase in fire activity into mid-July, Alaska, the Eastern Area, and most of the Southern Area all experienced downward trends in fire activity. However, portions of central, west, and southwest Texas remained dry through July with continued initial attack and large fire activity.

A dramatic increase in fire activity was observed across the West in August as several multi-day heat wave and lightning events primed and ignited fuels that had become critically dry and, in some areas, historically dry. Wind events, while not frequent, were impactful. Among the hardest hit states was California where several hundred wildfires were ignited by a multi-day lightning event in mid-August, which was preceded and followed by record setting heat waves, including 130°F in Death Valley on August 16.

Other states greatly impacted by the increase in activity were Oregon, Colorado, and Arizona—which experienced an untimely pause in the monsoon. The resulting hot, dry, and unstable conditions led to multiple fires producing pyrocumulonimbus clouds, including pyrotornadoes on the Loyalton Fire in northeast California near the Nevada border. This prompted the first ever Tornado Warning to be issued by the National Weather Service for a wildfire. The Great Basin remained active, as did west Texas, with increased initial attack

and large fire activity by mid-August in the Northern Rockies. A heat wave developed on the West Coast during the first week of September that resulted in hot, dry, and unstable conditions with explosive large fire growth across much of the West. The Creek Fire in southern California produced multiple pyrocumulonimbus clouds including lightning and multiple pyrotornadoes on September 5.

Multiple wind events resulted in significant large fire activity, including a historic offshore wind event that began Labor Day and continued during the following few days. Rapid fire spread and extreme fire behavior developed on numerous new and existing large fires in Washington, Oregon, and California leading to hundreds of thousands of acres being burned in a matter of days. Other notable wind events led to significant increases of fire activity in Montana on September 2 and California in late September.

A series of upper-level troughs produced wetting rain across portions of the Pacific Northwest and Northern Rockies later in September, which helped reduce fire activity and significant fire potential across these regions. A pause in fire activity was observed in the Rocky Mountain Area due to cold, wet conditions during the week of Labor Day, but rebounded later in the month. Additionally, tropical storm activity and generally above normal precipitation improved drought conditions across portions of the Plains and eastern US.

While lightning was relatively infrequent during September, widely scattered dry thunderstorms resulted in an increase of initial attack and new large fires for portions of the Southwest, Great Basin, Rocky Mountain, and Northern Rockies areas on September 21-24. As a cold front pushed south through the West during the last weekend of September, producing another round of strong offshore winds that resulted in extreme behavior and rapid fire spread in northern California.

### **October – December**

During October, much of the large fire activity occurred in California and Colorado, although new large fires and growth on existing large fires continued in Arizona, New Mexico, and Utah. Multiple strong wind events led to rapid and record-setting fire growth on the Cameron Peak and East Troublesome Fires in Colorado, and a strong offshore wind event in California led to increased fire activity as well. Consistent cold frontal passages in the Northwest and Northern Rockies Geographic Areas ended fire season with landfalling tropical cyclones providing precipitation relief for portions of Southern Area.

Upper-level ridging over California and the Southwest led to well below normal precipitation and above normal temperatures across much of the West except for portions of the Pacific Northwest and Northern Rockies during October. Season ending precipitation finally came to the Northwest and Northern Rockies Geographic Areas by mid-month. Hurricane Delta made landfall in Louisiana on October 9, breaking the previous record of US landfalling tropical cyclones in a season of nine. Hurricanes Zeta and Eta made landfall on October 28 and November 7, respectively, setting a new record of twelve tropical cyclone landfalls in the US for a season. Hurricane Eta actually made landfall twice in Florida, once over the Florida Keys and again north of Tampa on November 10.

The Cameron Peak and East Troublesome Fires became the largest two fires in Colorado history, surpassing the Pine Gulch Fire, which set the record earlier in the year. Of note, the East Troublesome Fire made a 20-mile run and spotted over the Continental Divide during

a 24-hour period on October 21-22. Record breaking snow and cold arrived on October 24-27 in the central and southern Rockies, which significantly reduced fire activity.

Large fire activity diminished over the West in November, continuing the trend from late October. Precipitation and colder temperatures spread farther south across the West, leading to increasing fuel moisture and greatly reduced large fire potential through mid-month. However, by the end of November, most of the US experienced below normal precipitation with average to above normal temperatures. Remnants of Hurricane Eta dropped significant rainfall in South Florida and into portions of the Carolinas and Mid-Atlantic. Heavy rain also fell late in the month across portions of the Gulf states.

Several significant wildfires occurred along the Sierra Front and across the Plains in mid-November. On November 17 during a downslope wind event, three rapidly spreading significant wildfires emerged along the Sierra Front, and a day later, several large wildfires ignited on the central and southern Plains. Multiple offshore wind events developed across California, with the strongest around Thanksgiving. While initial attack increased, no significant large fires were reported.

Large fires were largely absent from the West, but scattered fire activity continued in the Southern Area, during December. While multiple offshore wind events affected California during December, much needed precipitation arrived in northern California in mid and late December, with precipitation arriving in southern California the last week of December.

Much of the US experienced below normal precipitation and above normal temperatures, most prominently in the northern Plains, in December. However, much of the Mid-Atlantic and Northeast observed above normal precipitation, with near to below normal temperatures in the Southeast. Drought persisted across much of the West and Plains, with some intensification and expansion in portions of these regions. Large portions of the Southwest, Great Basin, Colorado Rockies, and southern High Plains remained in exceptional drought (i.e., the highest category) at the end of the year.

Snowfall and snowpack across the West remain mostly below normal, generally 50-75% of the 30-year median for snow water equivalent, according to Natural Resources Conservation Service (NRCS) data. Near to above normal snowfall is present across portions of Washington and the Northern Rockies due to the northerly storm track. The Southwest has remained dry with snow water equivalent mostly below 50% of median, including some basins reporting below 20%.

## National Fire Activity Synopsis

From a national perspective, the 2020 fire season's wildfire statistics conformed to the recent general trends (5-year vs 10-year averages), where the average annual number of wildfires has been decreasing slightly, yet the average annual number of acres burned has been increasing. However, with over 10 million acres burned, the large fire activity in 2020 was well above average. Over the last half-century, the era for which reasonably reliable and comprehensive national wildfire statistics have been tallied, only two other years (2015, 2017) saw in excess of 10 million acres burned. In comparison to other years with significantly elevated acreage burned, 2020 was particularly notable because neither Alaska nor Southern Area contributed significantly to the total acreage burned. Moreover, 2020 saw the first reported million acre wildfire incident (August Complex) in Northern California;

numerous large fires resulting in fatalities and significant property losses in Oregon, Washington, California, and Colorado; the three largest wildfires (Cameron Peak, East Troublesome, Pine Gulch) in Colorado's history; and an unusually prolonged fire season in the Southwestern US.

Nationally, there were 58,950 wildfires reported in 2020, compared to 50,477 wildfires reported in 2019. The 2020 fire season was active considering the number of reported wildfires, over 90% of the 10-year annual average. Reported wildfires consumed 10,122,336 acres nationally, compared to 4,664,364 acres 2019. The number of acres burned was well above average in 2020. A large proportion of the burned acreage occurred in California, accounting for 38% of the nation's total burned acres.

In 2020, the reported number of wildfires was well above 10-year averages in all Geographic Areas, except in Alaska (65%), Southern Area (60%), and Rocky Mountain Area (95%). The remaining Geographic Areas were well above average: Eastern Area (138%), Great Basin (117%), Northern California (122%), Northern Rockies (121%), Northwest (115%), Southern California (123%), and Southwest (121%).

When comparing burned acreage versus the 10-year average, several Geographic Areas saw above average statistics. Northern California (611%) and Southern California (446%) shattered previous 10-year averages by far. The Northwest (223%), Rocky Mountain (217%), and the Southwest (172%) were also well above average. The remaining Geographic Areas were below average: Alaska (15%), Eastern Area (67%), Great Basin (85%), Northern Rockies (84%), and Southern Area (45%).

A total of 17,904 structures were reported destroyed by wildfires in 2020, including 9,630 residences, 7,255 minor structures, and 1,119 commercial/mixed residential structures. This is well above the annual average of 2,913 residences, 1,857 minor structures, and 141 commercial/mixed residential structures destroyed by wildfire. California accounted for the highest number of structures lost in one state in 2020: 6,198 residences, 741 commercial/mixed residential structures and 4,534 minor structures. Oregon was second with 2,274 residences, 205 commercial/mixed residential structures and 1,352 minor structures.

Requests for firefighting resources placed to the NICC during the 2020 fire season were near or above the 10-year average in all categories. Filled requests for crews, engines, and overhead were well above their respective 10-year averages. Requests processed through the NICC for helicopters and heavy airtankers were at or below their respective 10-year averages due in part to the greater availability of "surge" aircraft used in 2020.

National Type 1 Incident Management Teams (IMTs) were mobilized 53 times (up from 14 in 2019) and spent a total of 861 days on assignments (up from 183 days in 2019). Type 2 IMTs were mobilized 107 times (up from 44 in 2019), for a total of 1,491 days assigned to incidents (up from 480 days in 2019). Area Command teams were mobilized eight times in 2020 (up from zero assignments in 2019), for a total of 268 days. National Incident Management Organizations (NIMO) mobilized 6 times in 2020 (same as 2019), for a total of 208 days (up from 75 days in 2019).

## Significant Wildland Fires over 40,000 acres

Of the 50 largest fires in 2020, 44% (22 fires) occurred in California.

Name	GACC	State	Start Date	Contain or Last Report Date	Size (acres)	Cause*	Estimated Cost
August Complex	NO	CA	8/17	11/11	1,032,648	U	\$115,511,218
SCU Lightning Complex	NO	CA	8/16	9/14	396,624	U	\$69,412,351
SHF Elkhorn Creek	NO	CA	8/29	9/9	391,493	L	NR
LNU Lightning Complex	SO	CA	9/4	12/17	379,895	U	\$193,000,000
North Complex	NO	CA	8/17	10/1	363,220	U	\$94,646,381
Pearl Hill	NW	WA	9/7	12/2	318,935	U	\$112,711,950
Cameron Peak	RM	CO	8/13	9/15	223,730	U	\$4,241,353
Lionshead	NW	OR	8/16	12/4	208,913	U	\$133,300,000
East Troublesome	RM	WY	10/14	11/25	193,812	U	\$15,682,681
Beachie Creek	NW	OR	8/16	10/28	193,573	U	\$29,838,526
Bush	SW	AZ	6/13	7/3	193,455	H	\$11,642,634
Cold Springs	NW	WA	9/6	9/19	189,923	U	\$3,917,998
Mullen	RM	WY	9/17	12/10	176,878	U	\$42,400,000
Castle	SO	CA	8/19	8/24	174,178	L	NR
SQF Complex	SO	CA	8/24	12/17	174,178		NR
Holiday Farm	NW	OR	9/7	10/27	173,393	U	\$29,100,932
Slater	NO	CA	9/8	11/15	157,270	U	\$55,043,900
Red Salmon Complex	NO	CA	7/28	11/16	144,698	L	NR
August Complex West Zone	NO	CA	9/10	10/14	140,944	L	\$115,300,000
Pine Gulch	RM	CO	7/31	9/22	139,007	U	\$35,000,000
Riverside	NW	OR	9/8	11/26	138,054	H	\$20,482,000
Archie Creek	NW	OR	9/8	11/26	131,542	U	\$40,000,000
Whitney	NW	WA	9/7	9/15	127,430	U	\$3,300,000
Dolan	SO	CA	8/18	12/24	124,924	U	\$74,000,000
Bighorn	SW	AZ	6/5	7/22	119,978	L	\$44,463,612
Bobcat	SO	CA	9/6	11/27	115,997	U	\$100,000,000
Woodhead	GB	ID	9/7	10/22	96,614	H	\$11,230,000
Badger	GB	ID	9/12	10/10	90,143	U	\$15,800,000
East Fork	GB	UT	8/21	11/19	90,000	L	\$23,523,403
CZU August Lightning	NO	CA	8/16	9/21	86,509	U	\$55,900,466
W-5 Cold Springs	NO	CA	8/18	9/13	84,817	U	\$10,300,000
July Complex	NO	CA	7/22	8/18	83,261	U	\$35,000,000
Caldwall	NO	CA	7/22	7/24	80,859	U	\$34,500,000

Name	GACC	State	Start Date	Contain or Last Report Date	Size (acres)	Cause*	Estimated Cost
Canal	GB	UT	6/26	7/13	78,065	L	\$7,105,375
Evans Canyon	NW	WA	8/31	9/25	75,817	U	\$1,120,000
Evans Canyon	NW	WA	8/31	9/25	75,817	U	\$1,120,000
Magnum	SW	AZ	6/8	7/22	71,450	U	\$25,000,000
Glass	NO	CA	9/27	10/13	67,484	U	\$59,887,000
Griffin	SW	AZ	8/17	9/5	61,821	L	\$5,750,000
Meadow Valley	GB	NV	7/7	7/14	59,265	H	\$2,800,000
Zogg	NO	CA	9/27	10/12	56,338	U	\$31,004,496
Ingakslugwat Hills	AK	AK	5/30	6/25	53,515	L	\$43,590
Sarpy	NR	MT	9/2	9/10	52,010	U	\$950,000
Brattain	NW	OR	9/7	10/5	50,951	H	\$9,900,000
Indian Creek	NW	OR	8/16	9/16	48,128	U	\$7,000,000
River	SO	CA	8/16	9/4	48,088	U	\$24,493,709
Star Mountain Ln.	NW	OR	9/8	9/11	48,000	U	\$6,000,000
Loyalton	NO	CA	8/14	9/4	47,029	U	\$50,000
Huff	NR	MT	9/2	9/5	46,892	H	\$50,000
Dome	SO	CA	8/15	8/23	43,273	L	\$2,200,000

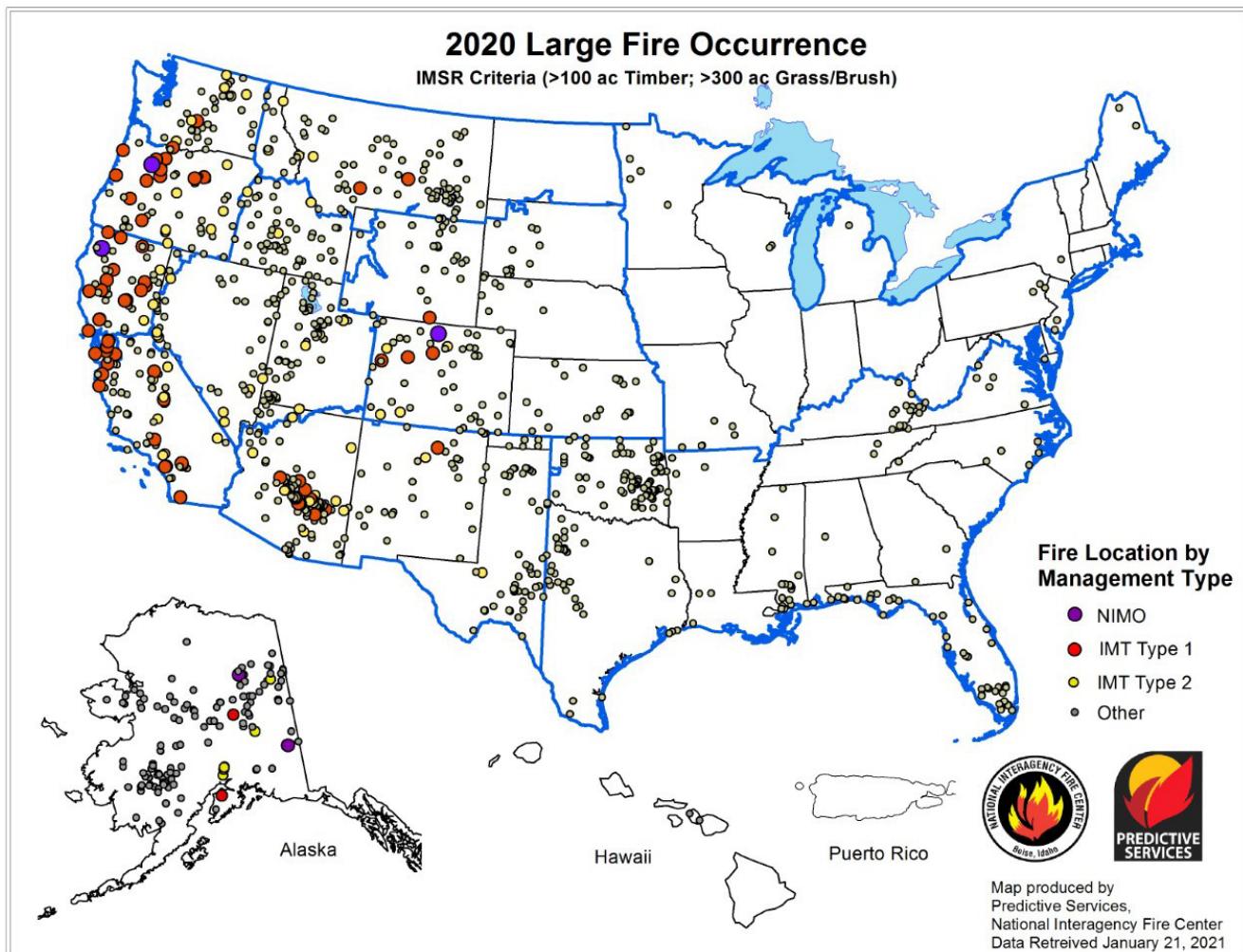
\* L – Lightning H – Human      U – Unknown/Under Investigation  
Reported      OT - Other      NR – Not

Information in the above table was derived from ICS-209 reports submitted via FAMWEB. This information may not reflect final official figures.

## Wildfires and Acres

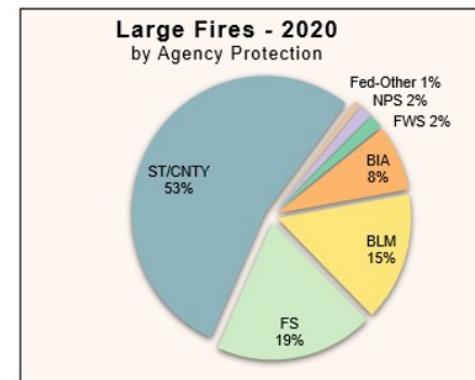
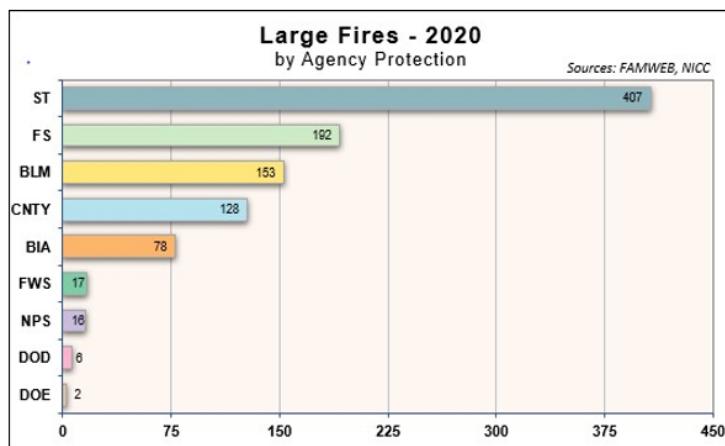
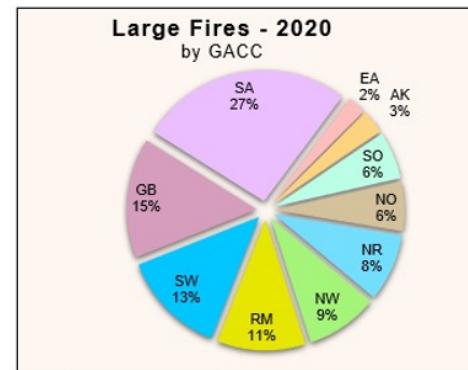
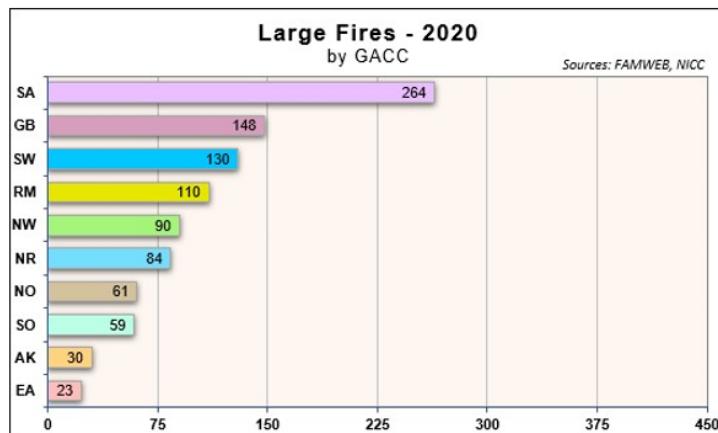
Large fires are defined in the National Mobilization Guide as fires that burn a minimum of 100 acres in timber fuel types, 300 acres in grass and brush fuel types, or are otherwise managed by a Type 1 or 2 Incident Management Team or NIMO.

There were 999 large wildfires and complexes reported in 2020 (derived from ICS-209 reports submitted through FAMWEB). These large wildfires represented less than 2% of total wildfires reported nationally in 2020. The map below depicts the locations of these fires.

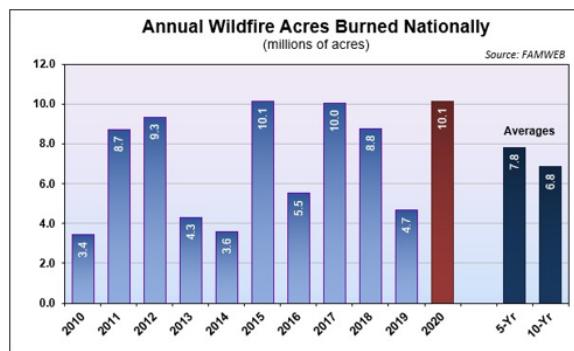
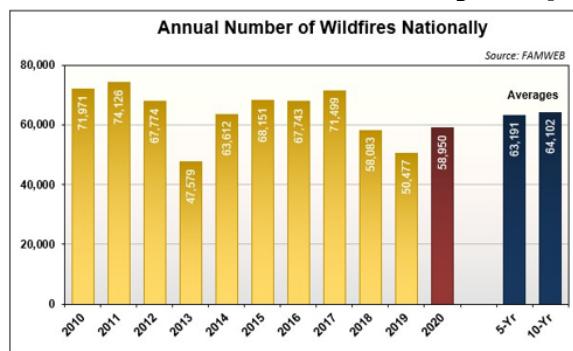


## Large Wildfires by Geographic Area and Agency

As is typical in most years, the greatest number of large fires occurred in Southern Area and on lands protected by a state-level or other non-federal fire management organization. As noted under “Significant Wildfires” above, the largest fires in 2020 occurred in the West.



## Overall Wildfire Activity Reported to the NICC



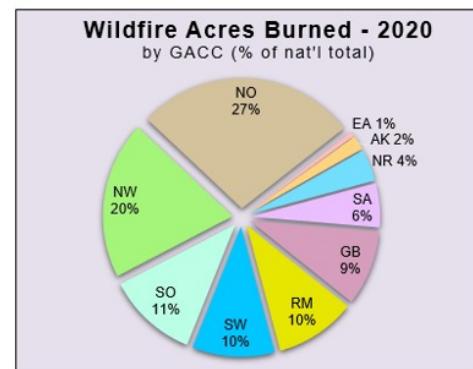
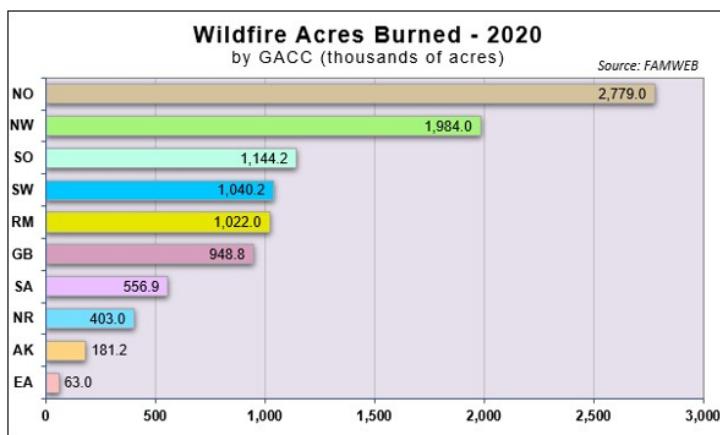
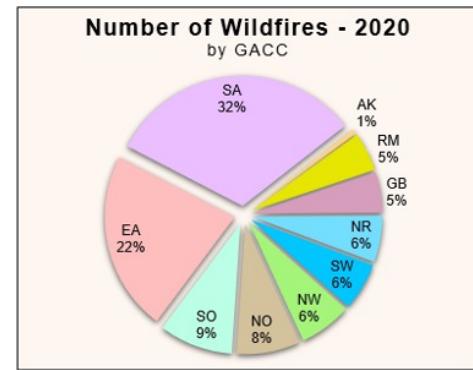
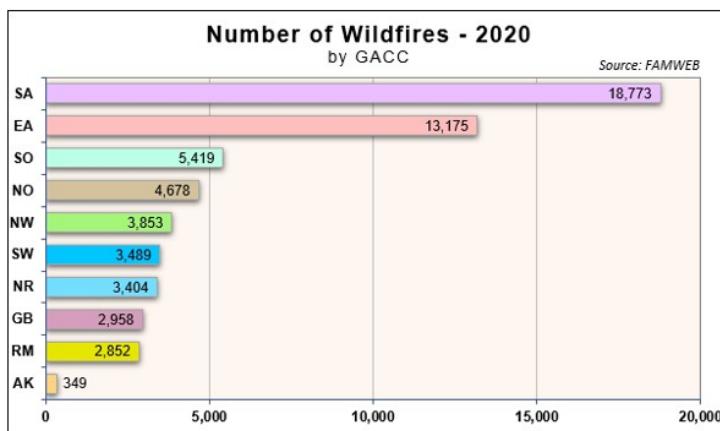
In 2020, there were 58,950 wildfires that burned 10,122,336 acres. The number of fires reported were below both the five and ten-year national averages. Acres burned were well above both the five and ten-year national averages.

## Wildfire Activity Levels by Geographic Area

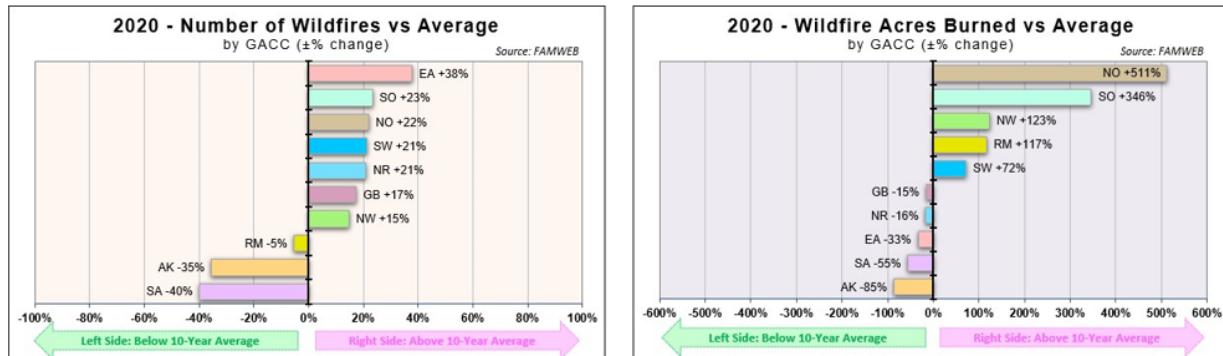
Overall, the distribution of the number of wildfires in 2020 was similar to previous years, with the Southern Area and Eastern Area accounting for nearly half of the fires in the U.S. In comparison to their annual averages from the prior 10 years, Southern Area and Alaska experienced below average number of fires.

A large proportion of the burned acreage shifted to California in 2020, which accounted for 38% of the nation's total burned acres (in contrast, Alaska burned 53% of the total acres in 2019). Acres burned was below prior year averages for Alaska, Eastern Area, and Southern Area. Northwest, Rocky Mountain, and Southwest Area had above average acres burned while Northern California and Southern California experienced a significant increase in comparison to previous years.

The charts below depict fires and acres as a percentage of the national total.

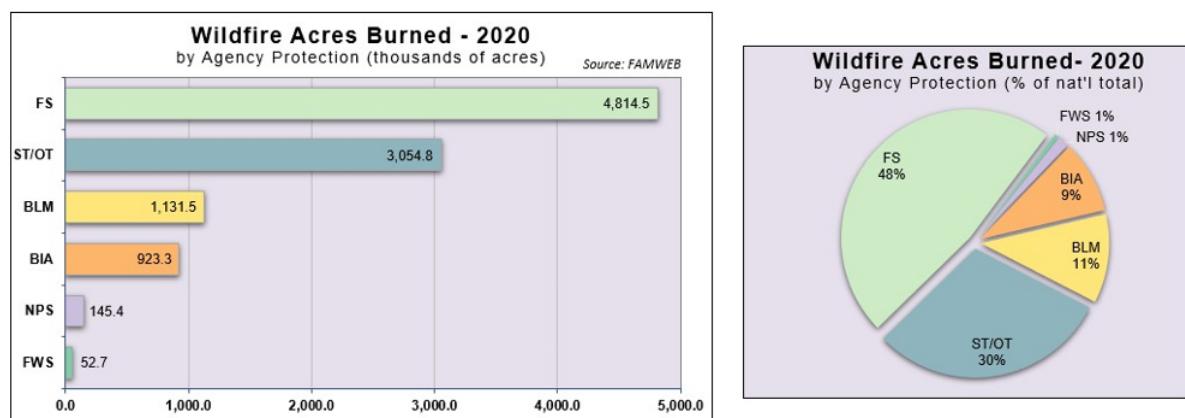
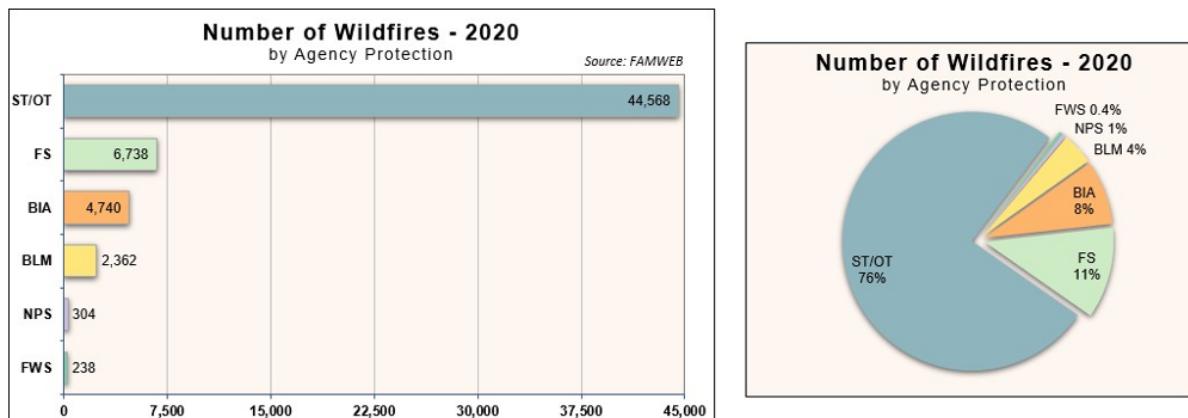


The charts below show the 2020 fire activity for each Geographic Area as a percentage change from its annual average from the prior ten years.



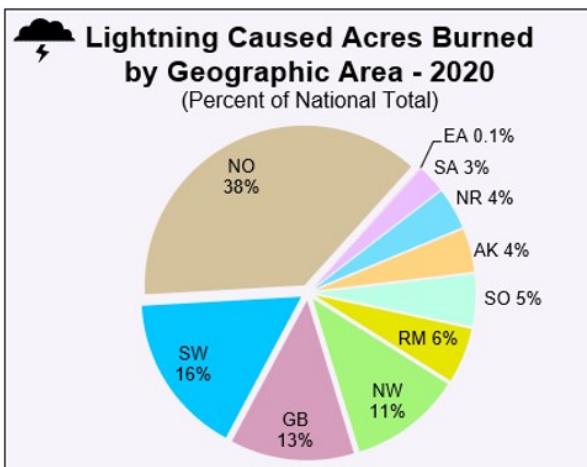
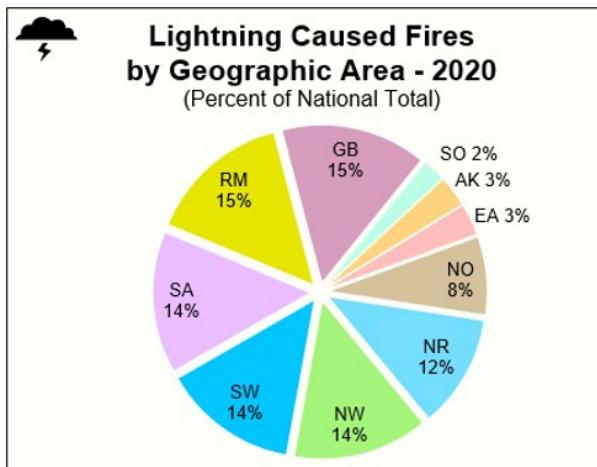
## Wildfires and Acres by Agency

The distribution of wildfires by protection agency in 2020 was very similar to prior years. About one-quarter of the nation's fires occurred on federally protected lands, nearly evenly split between US Forest Service lands and the combined lands protected by the Department of Interior agencies. The large majority of wildfires, however, ignited on private lands or other areas under state or local protection.



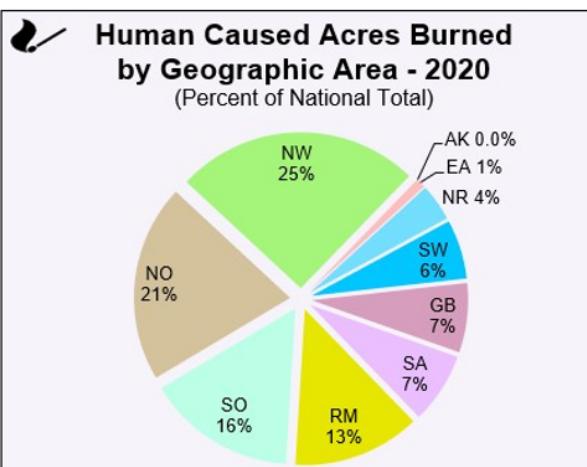
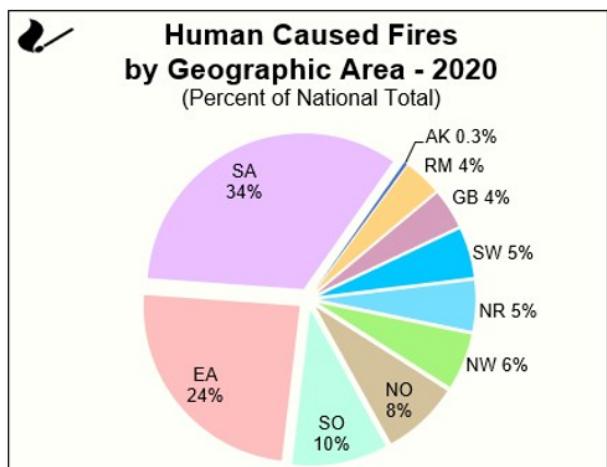
## Lightning Fires and Acres by Geographic Area

Year: 2020	AK	EA	GB	NO	NR	NW	RM	SA	SO	SW	Total
Fires	168	171	804	430	625	746	789	784	124	746	5,387
Acres	180,885	3,178	517,325	1,549,012	172,118	467,060	229,955	115,994	216,492	671,504	4,123,523



## Human Caused Fires and Acres by Geographic Area

Year: 2020	AK	EA	GB	NO	NR	NW	RM	SA	SO	SW	Total
Fires	181	13,004	2,154	4,248	2,779	3,107	2,063	17,989	5,295	2,743	53,563
Acres	284	59,858	431,487	1,229,991	230,928	1,516,910	791,996	440,908	927,722	368,729	5,998,813



## Wildfires and Acres Burned by Agency and GACC – 2010 to 2020

Agency	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	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	2,830	4,740	3,617	3,856
	Acres	106,978	364,767	866,444	173,491	327,352	591,644	325,162	306,542	216,118	151,305	923,298	318,154	342,980
BLM	Fires	2,312	2,798	3,031	2,628	1,944	2,093	2,105	2,927	2,872	2,046	2,362	2,409	2,476
	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	2,024,554	1,131,540	2,519,024	1,960,042
FS	Fires	6,797	6,667	7,098	7,105	6,755	7,056	5,676	6,617	5,629	5,332	6,738	6,062	6,473
	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	615,816	4,814,465	1,790,699	1,592,091
FWS	Fires	323	442	394	332	348	194	174	252	162	175	238	191	280
	Acres	187,991	171,368	101,752	138,284	17,404	33,897	15,374	206,393	71,137	91,311	52,739	83,622	103,491
NPS	Fires	390	418	369	455	389	398	463	314	389	290	304	371	388
	Acres	174,255	98,147	140,807	265,755	24,949	74,780	177,901	110,349	121,092	27,533	145,447	102,331	121,557
State/ Other	Fires	58,324	59,527	51,129	33,820	50,799	54,524	55,269	57,546	45,559	39,804	44,568	50,540	50,630
	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	1,753,845	3,054,847	3,004,787	2,726,696
<b>Totals:</b>		<b>71,971</b>	<b>74,126</b>	<b>67,774</b>	<b>47,579</b>	<b>63,612</b>	<b>68,151</b>	<b>67,743</b>	<b>71,499</b>	<b>58,083</b>	<b>50,477</b>	<b>58,950</b>	<b>63,191</b>	<b>64,102</b>
		<b>3,422,724</b>	<b>8,711,367</b>	<b>9,326,238</b>	<b>4,319,546</b>	<b>3,595,613</b>	<b>10,125,149</b>	<b>5,509,995</b>	<b>10,026,086</b>	<b>8,767,492</b>	<b>4,664,364</b>	<b>10,122,336</b>	<b>7,818,617</b>	<b>6,846,857</b>

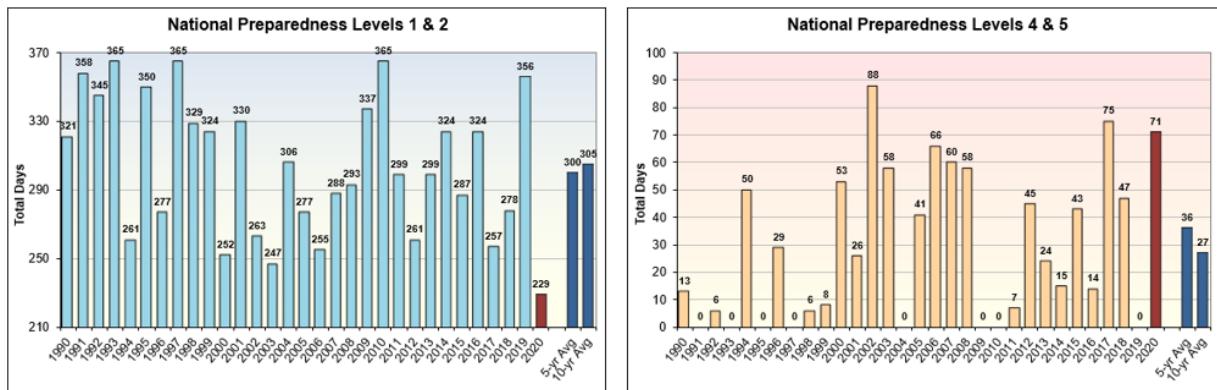
Agency	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	5-Yr Avg.	10-Yr Avg.	
AK	Fires	689	515	416	603	384	768	572	364	367	720	349	558	540
	Acres	1,125,419	293,018	286,887	1,316,876	233,561	5,111,404	496,467	653,023	410,683	2,498,159	181,169	1,833,947	1,242,550
EA	Fires	15,844	9,153	11,147	7,110	7,030	11,639	11,270	9,816	6,891	5,750	13,175	9,073	9,565
	Acres	130,103	213,172	146,208	64,992	54,141	100,294	98,042	41,705	50,734	38,852	63,036	65,925	93,824
GB	Fires	2,331	2,695	3,343	2,971	2,250	2,096	2,063	3,127	2,776	2,308	2,958	2,474	2,596
	Acres	735,886	886,667	2,502,018	930,795	164,802	505,483	761,622	2,103,788	2,087,922	459,384	948,812	1,183,640	1,113,837
NO	Fires	2,943	3,092	3,536	5,299	4,082	4,587	3,363	4,173	3,602	3,704	4,678	3,886	3,838
	Acres	35,674	24,200	771,486	165,194	474,826	594,048	96,706	672,448	1,496,950	214,742	2,779,003	614,979	454,627
NR	Fires	1,740	2,053	3,433	2,773	2,665	3,817	2,700	3,900	2,741	2,309	3,404	3,093	2,813
	Acres	70,474	198,624	1,497,972	179,459	143,271	745,947	202,140	1,551,275	147,093	74,042	403,046	544,099	481,030
NW	Fires	2,188	2,150	2,305	4,389	4,572	4,603	2,519	3,404	3,764	3,690	3,853	3,596	3,358
	Acres	150,553	303,260	1,515,596	503,993	1,383,514	1,823,473	513,226	1,121,442	1,336,096	249,476	1,983,970	1,008,743	890,063
RM	Fires	2,903	3,433	5,584	2,621	2,356	2,559	3,289	3,164	2,480	1,684	2,852	2,635	3,007
	Acres	151,631	517,004	1,244,073	237,121	78,345	180,822	686,921	754,747	748,956	114,685	1,021,951	497,226	471,431
SA	Fires	37,176	42,362	30,964	14,448	34,267	31,594	34,474	35,068	27,721	22,999	18,773	30,371	31,107
	Acres	624,440	3,892,567	718,624	182,650	752,694	556,267	1,591,044	1,960,764	1,591,101	498,925	556,902	1,239,620	1,236,908
SO	Fires	3,610	4,891	4,412	4,608	3,786	4,175	3,996	5,389	4,453	4,632	5,419	4,529	4,395
	Acres	83,986	104,829	99,914	412,481	80,218	304,925	479,207	595,873	348,722	55,092	1,144,214	356,764	256,525
SW	Fires	2,547	3,782	2,634	2,757	2,220	2,313	3,497	3,094	3,288	2,681	3,489	2,975	2,881
	Acres	314,558	2,278,026	543,460	325,985	230,241	202,486	584,620	571,021	549,235	461,005	1,040,233	473,673	606,064
<b>Totals:</b>		<b>71,971</b>	<b>74,126</b>	<b>67,774</b>	<b>47,579</b>	<b>63,612</b>	<b>68,151</b>	<b>67,743</b>	<b>71,499</b>	<b>58,083</b>	<b>50,477</b>	<b>58,950</b>	<b>63,191</b>	<b>64,102</b>
		<b>3,422,724</b>	<b>8,711,367</b>	<b>9,326,238</b>	<b>4,319,546</b>	<b>3,595,613</b>	<b>10,125,149</b>	<b>5,509,995</b>	<b>10,026,086</b>	<b>8,767,492</b>	<b>4,664,364</b>	<b>10,122,336</b>	<b>7,818,617</b>	<b>6,846,857</b>

## National Preparedness Levels

In 2020, the national Preparedness Level (PL) was elevated and decreased accordingly:

- After 153 days (from January 1) at PL 1, elevated to PL 2 on June 2
- After 13 days at PL 2, elevated to PL 3 on June 15
- After 50 days at PL 3, elevated to PL 4 on August 4
- After 14 days at PL 4, elevated to PL 5 on August 18
- After 45 days at PL 5, decreased to PL 4 on October 2
- After 12 days at PL 4, decreased to PL 3 on October 14
- After 16 days at PL 3, decreased to PL 2 on October 30
- After 11 days at PL 2, decreased to PL 1 on November 10
- For 52 days (through December 31), remained at PL 1

2020 - Total Number of Days at Each National Preparedness Level													
PL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	31	29	31	30	31	1	0	0	0	0	21	31	205
2	0	0	0	0	0	13	0	0	0	2	9	0	24
3	0	0	0	0	0	16	31	3	0	16	0	0	66
4	0	0	0	0	0	0	0	14	0	12	0	0	26
5	0	0	0	0	0	0	0	14	30	1	0	0	45
Total:	31	29	31	30	31	30	31	31	30	31	30	31	366



## National Preparedness Level Summary

Year	Total Days at National Preparedness Levels					PL1&2	PL4&5
	1	2	3	4	5		
1990	247	74	31	6	7	321	13
1991	255	103	7	0	0	358	0
1992	278	67	15	6	0	345	6
1993	268	97	0	0	0	365	0
1994	235	26	54	4	46	261	50
1995	254	96	15	0	0	350	0
1996	98	179	60	8	21	277	29
1997	216	149	0	0	0	365	0
1998	157	172	30	6	0	329	6
1999	159	165	33	8	0	324	8
2000	179	73	61	13	40	252	53
2001	188	142	9	10	16	330	26
2002	187	76	14	26	62	263	88
2003	92	155	60	10	48	247	58
2004	249	57	60	0	0	306	0
2005	233	44	47	41	0	277	41
2006	118	137	44	16	50	255	66
2007	212	76	17	21	39	288	60
2008	209	84	15	36	22	293	58
2009	275	62	28	0	0	337	0
2010	231	134	0	0	0	365	0
2011	207	92	59	7	0	299	7
2012	212	49	60	45	0	261	45
2013	253	46	42	17	7	299	24
2014	242	82	26	15	0	324	15
2015	253	34	35	19	24	287	43
2016	251	73	28	14	0	324	14
2017	185	72	33	36	39	257	75
2018	191	87	40	13	34	278	47
2019	241	115	9	0	0	356	0
2020	205	24	66	26	45	229	71

5-year  
Average:  
10-year  
Average:

300	36
305	27

## International Resource Mobilizations

**United States support to Australia:** Between January 1 and March 23, through the NIFC-Australia Agreement, 270 wildland fire personnel from the US were assigned to support large fires in New South Wales, Victoria and South Australia, Australia.

**International assistance to the United States:** Canada sent 23 crews, 48 overhead, and 18 engines to the US. Mexico, in the first ever exchange of this kind, sent five crews to the US.

## Incident Management Team Mobilizations

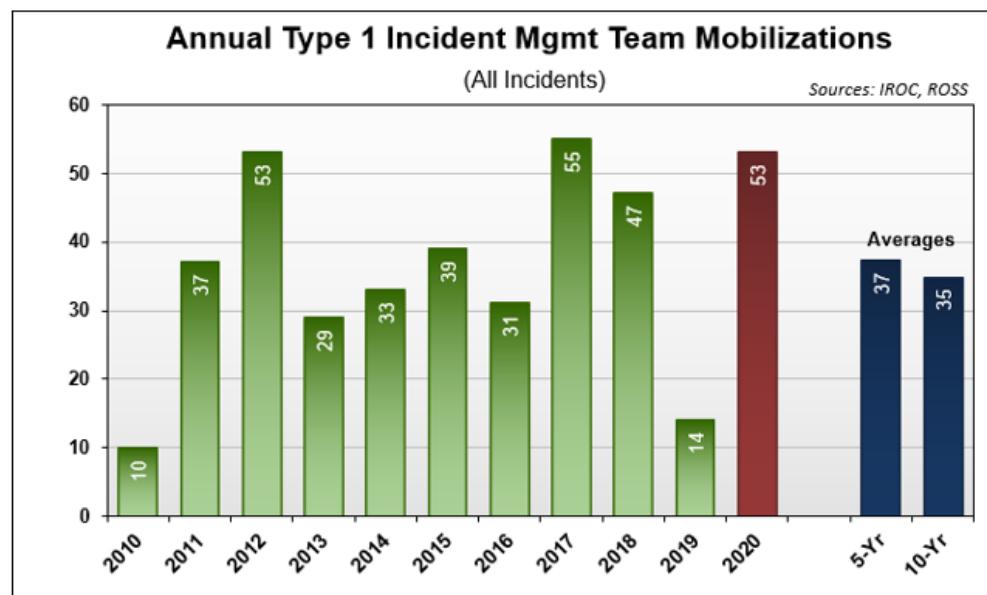
### National Incident Management Organization and Area Command Teams

National Incident Management Organization (NIMO) teams were assigned to five wildfire incidents and one support assignment for a total of 208 days.

Area Command Teams were assigned to four wildfire incidents and four support assignments for a total of 268 days.

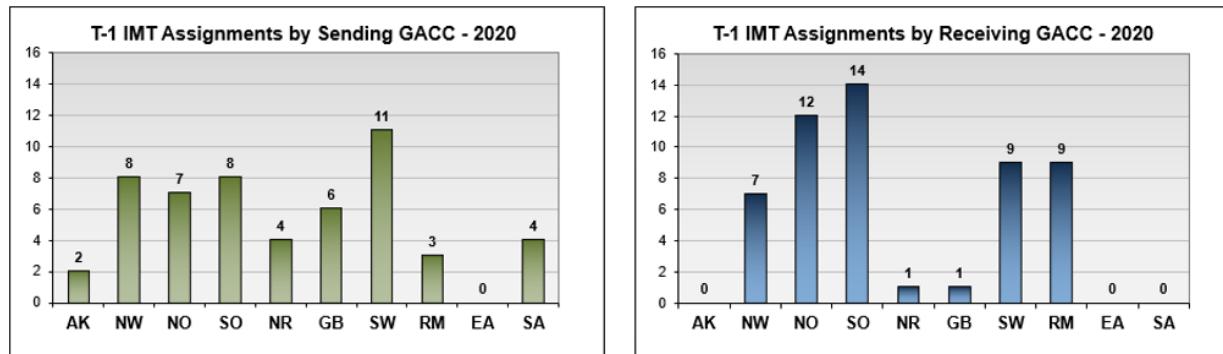
### Type 1 Incident Management Teams

Sixteen national Type 1 Incident Management Teams (IMT) were available in 2020 and were mobilized to 53 incidents. Of those assignments, 50 were to wildland fires and 3 were to non-wildland fire incidents. Type 1 IMTs were assigned for 861 days. The NICC processed 31 orders for Type 1 IMTS.



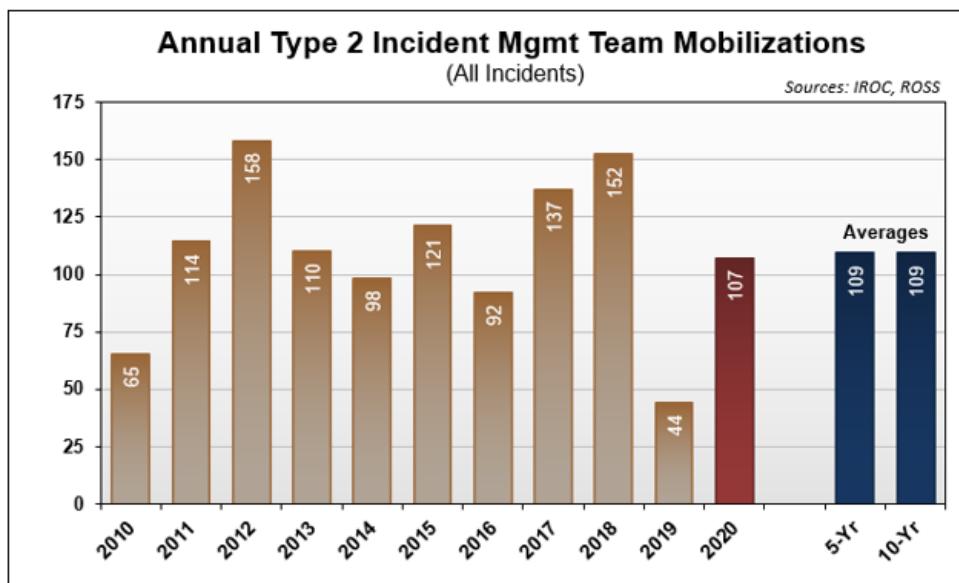
## Type 1 IMT Assignments by Geographic Area

The following charts depict the mobilization of Type 1 IMTs by sending and receiving Geographic Area.



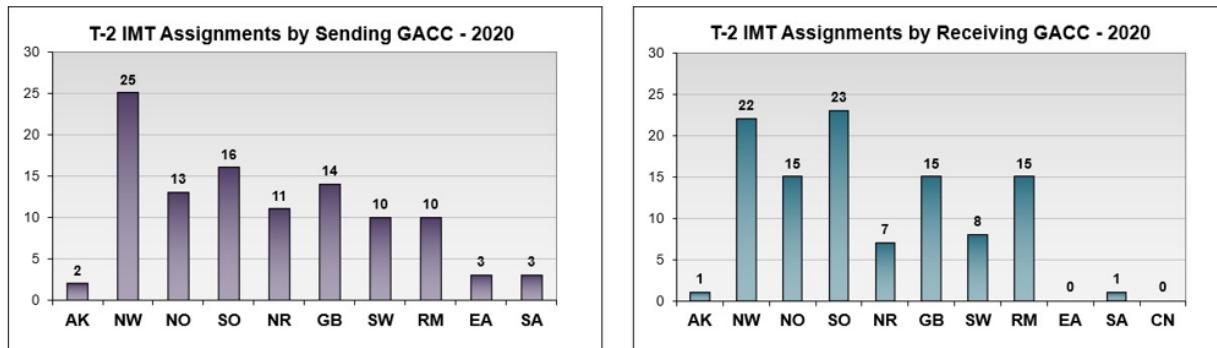
## Type 2 Incident Management Team Mobilizations

Thirty-three Type 2 Incident Management Teams (IMT) were available in 2020. Type 2 IMTs were mobilized to 107 incidents and assigned for 1,491 days. The NICC processed 28 orders for Type 2 IMTs.



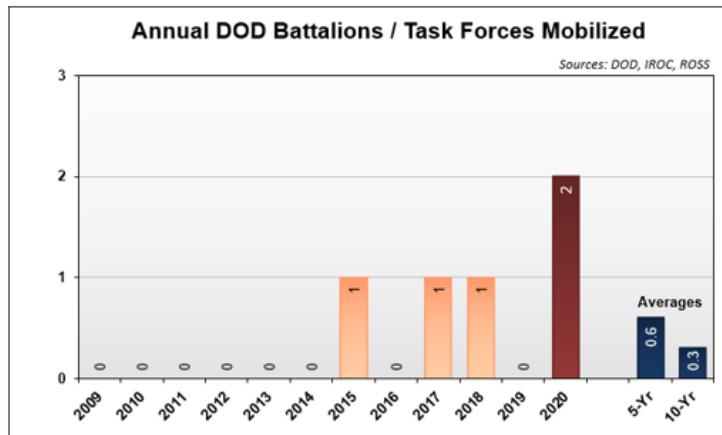
## Type 2 IMT Assignments by Geographic Area

The following charts depict the mobilization of Type 2 IMTs by sending and receiving Geographic Area.



## Department of Defense Mobilizations

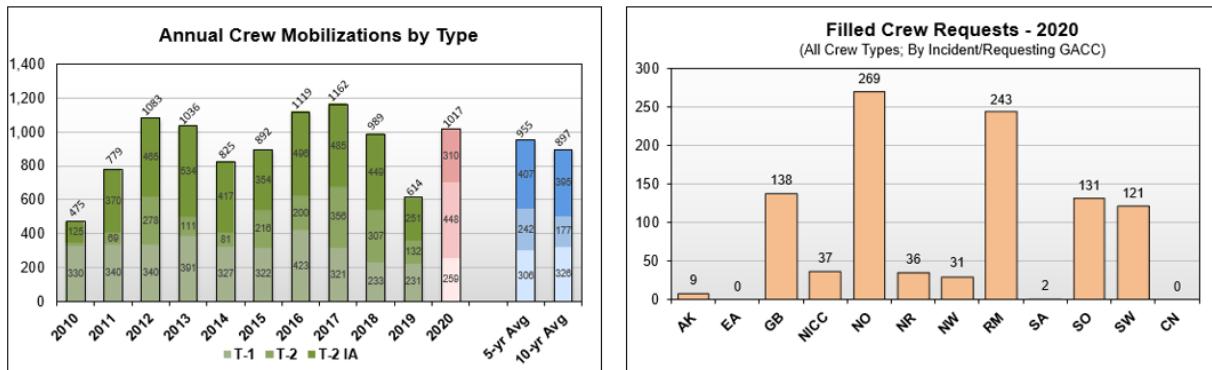
In 2020, the NICC processed two military battalion requests, provided by the US Army (Joint Base Lewis-McChord) and Marine Corps (Base Camp Pendleton) and mobilized other members of the Department of Defense to support wildfires in California. The number of military battalions and task forces requested through the NICC and deployed in the last ten years is shown below.



In addition to the military battalion (crew) requests, the DOD provided aviation resources for aerial firefighting (MAFFS) and wildfire detection and mapping (DRTI), which are included in the tallies in the section for Fixed Wing Aircraft.

## Crew Mobilizations

The NICC received 2,604 crew requests in 2020. Of these requests: 1,017 were filled, 1,248 were canceled, and 339 were UTF. The NICC received 1,153 orders for Type 1 crews, 746 orders for Type 2 crews, and 705 orders for Type 2 IA crews.



## Crew Request Summary by Requesting Agency and Geographic Area

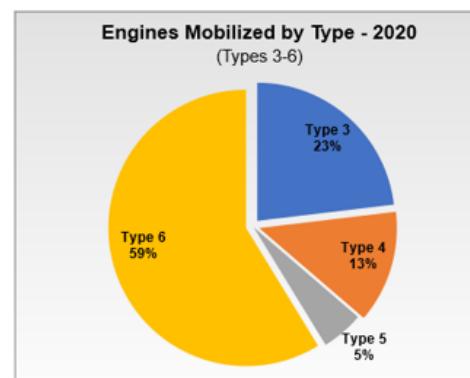
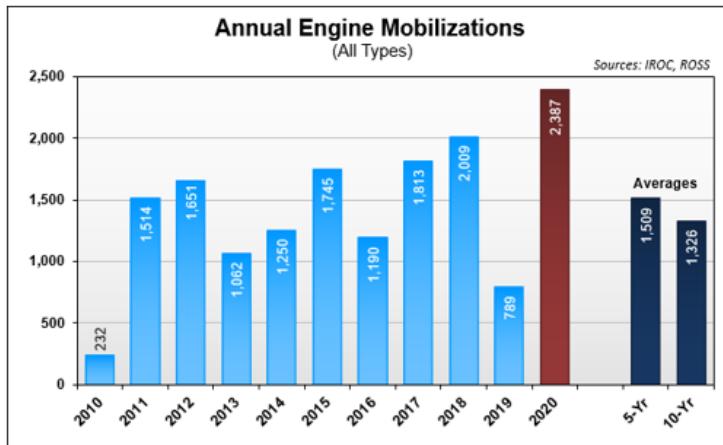
Requesting Agency	Type 1 Crew			Type 2 Crew			Type 2-IA Crew			Crew Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
BIA	3	4	4	0	0	0	3	2	0	6	6	4	16
BLM	30	22	16	13	0	0	42	18	4	85	40	20	145
DOD	0	0	0	0	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	204	585	162	347	218	27	235	149	93	786	952	282	2,020
FWS	0	0	0	0	0	0	0	0	0	0	0	0	0
NPS	0	0	1	1	0	2	0	0	0	1	0	3	4
ST	22	77	19	87	47	4	30	123	6	139	247	29	415
Other	0	3	1	0	0	0	0	0	0	0	3	1	4
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal:</b>	<b>259</b>	<b>691</b>	<b>203</b>	<b>448</b>	<b>265</b>	<b>33</b>	<b>310</b>	<b>292</b>	<b>103</b>	<b>1,017</b>	<b>1,248</b>	<b>339</b>	
<b>Total:</b>	<b>1,153</b>			<b>746</b>			<b>705</b>			<b>2,604</b>			

Requesting GACC	Type 1 Crew			Type 2 Crew			Type 2-IA Crew			Crew Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
AK	6	0	0	0	0	0	3	0	0	9	0	0	9
EA	0	0	0	0	0	0	0	0	0	0	0	0	0
GB	47	44	72	19	6	12	72	26	31	138	76	115	329
NICC	27	4	0	5	0	0	5	2	0	37	6	0	43
NO	38	321	14	186	176	9	45	118	8	269	615	31	915
NR	7	14	18	18	1	0	11	6	31	36	21	49	106
NW	13	16	6	3	0	2	15	1	1	31	17	9	57
RM	40	43	71	124	5	2	79	36	27	243	84	100	427
SA	2	0	1	0	0	0	0	0	0	2	0	1	3
SO	28	231	13	75	75	8	28	96	5	131	402	26	559
SW	51	18	8	18	2	0	52	6	0	121	26	8	155
Other	0	0	0	0	0	0	0	1	0	0	1	0	1
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal:</b>	<b>259</b>	<b>691</b>	<b>203</b>	<b>448</b>	<b>265</b>	<b>33</b>	<b>310</b>	<b>292</b>	<b>103</b>	<b>1,017</b>	<b>1,248</b>	<b>339</b>	
<b>Total:</b>	<b>1,153</b>			<b>746</b>			<b>705</b>			<b>2,604</b>			

## Engine and Tactical Water Tender Mobilizations

The NICC received 3,906 engine requests in 2020. Of those requests, 2,387 were filled, 1,318 were canceled and 201 were UTF.

The NICC also received 174 requests for tactical water tenders. Of those requests, 68 were filled, 79 were canceled, and 27 were UTF.



## Engine Request Summary by Requesting Agency

Requesting Agency	Type 1 Engine			Type 2 Engine			Type 3 Engine			Type 4 Engine			Type 5 Engine		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
BIA	0	0	0	0	0	0	0	5	0	2	0	0	0	0	0
BLM	3	0	2	0	0	0	22	13	2	8	3	0	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	0	1	0	479	1,088	125	262	12	3	89	0	0
FWS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NPS	0	0	0	0	0	0	3	8	1	2	1	0	0	0	0
ST	2	0	1	1	0	0	41	86	4	39	0	0	28	0	0
Other	0	0	0	0	0	0	5	2	1	0	0	0	0	0	0
<b>Subtotal:</b>	<b>7</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>550</b>	<b>1,202</b>	<b>133</b>	<b>313</b>	<b>16</b>	<b>3</b>	<b>118</b>	<b>0</b>	<b>0</b>
<b>Total:</b>	<b>10</b>			<b>2</b>			<b>1,885</b>			<b>332</b>			<b>118</b>		

Requesting Agency	Type 6 Engine			Type 7 Engine			Other			Tactical Water Tender			Engine/TWT Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
BIA	74	3	1	0	0	0	0	0	0	0	0	0	76	8	1	<b>85</b>
BLM	112	4	0	0	0	0	0	0	0	6	3	4	152	23	8	<b>183</b>
DOD	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	<b>2</b>
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
FS	1,048	81	58	0	2	0	0	0	0	60	76	23	1,940	1,260	209	<b>3,409</b>
FWS	2	1	0	0	0	0	0	0	0	0	0	0	2	1	0	<b>3</b>
NPS	35	6	3	0	0	0	0	0	0	0	0	0	40	15	4	<b>59</b>
ST	123	1	0	0	0	0	0	0	0	1	0	0	235	87	5	<b>327</b>
Other	2	1	0	0	0	0	0	0	0	1	0	0	8	3	1	<b>12</b>
<b>Subtotal:</b>	<b>1,398</b>	<b>97</b>	<b>62</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>68</b>	<b>79</b>	<b>27</b>	<b>2,455</b>	<b>1,397</b>	<b>228</b>	
<b>Total:</b>	<b>1,557</b>			<b>2</b>			<b>0</b>			<b>174</b>			<b>4,080</b>			

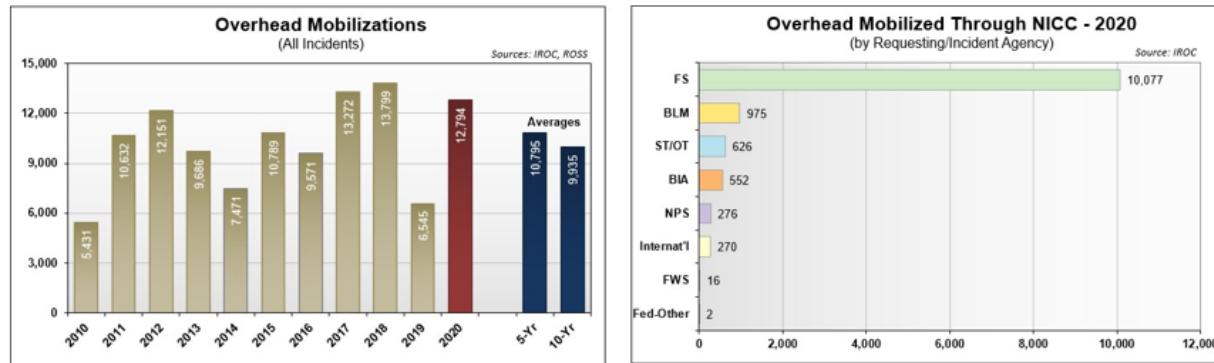
## Engine Request Summary by Requesting Geographic Area

Requesting GACC	Type 1 Engine			Type 2 Engine			Type 3 Engine			Type 4 Engine			Type 5 Engine		
	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	0	0	0	0	0	0	0	0	0
GB	2	0	0	0	0	0	22	8	5	66	3	0	1	0	0
NICC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	0	0	0	0	0	0	267	707	111	33	1	3	91	0	0
NR	0	0	0	1	0	0	0	3	0	10	0	0	3	0	0
NW	4	0	1	0	1	0	5	12	3	30	1	0	9	0	0
RM	0	0	2	0	0	0	69	33	8	101	5	0	3	0	0
SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SO	0	0	0	0	0	0	156	429	6	68	6	0	11	0	0
SW	1	0	0	0	0	0	31	10	0	5	0	0	0	0	0
<b>Subtotal:</b>	<b>7</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>550</b>	<b>1,202</b>	<b>133</b>	<b>313</b>	<b>16</b>	<b>3</b>	<b>118</b>	<b>0</b>	<b>0</b>
<b>Total:</b>	<b>10</b>			<b>2</b>			<b>1,885</b>			<b>332</b>			<b>118</b>		

Requesting GACC	Type 6 Engine			Type 7 Engine			Other			Tactical Water Tender			Engine/TWT Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EA	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
GB	88	6	1	0	0	0	0	0	0	1	1	1	180	18	7	205
NICC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	478	33	31	0	0	0	0	0	0	24	30	17	893	771	162	1,826
NR	73	6	3	0	0	0	0	0	0	0	0	0	87	9	3	99
NW	71	8	4	0	0	0	0	0	0	7	3	0	126	25	8	159
RM	349	19	11	0	0	0	0	0	0	17	4	8	539	61	29	629
SA	8	1	1	0	0	0	0	0	0	0	0	0	8	1	1	10
SO	202	15	9	0	2	0	0	0	0	15	34	1	452	486	16	954
SW	125	9	2	0	0	0	0	0	0	4	7	0	166	26	2	194
<b>Subtotal:</b>	<b>1,398</b>	<b>97</b>	<b>62</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>68</b>	<b>79</b>	<b>27</b>	<b>2,455</b>	<b>1,397</b>	<b>228</b>	
<b>Total:</b>	<b>1,557</b>			<b>2</b>			<b>0</b>			<b>174</b>			<b>4,080</b>			

## Overhead Mobilizations

The NICC received 26,684 overhead requests in 2020. Of those requests, 12,794 were filled, 7,933 were canceled, and 5,957 were UTF.



## Overhead Requests Summary

### By Requesting Agency

Requesting Agency	Individual Overhead			
	Fill	Cancel	UTF	Total
BIA	552	734	36	1,322
BLM	975	465	219	1659
DOD	1	0	0	1
FEMA	1	0	0	1
FS	10,077	6,097	5,305	21479
FWS	16	4	0	20
NPS	276	42	57	375
ST	623	570	340	1533
Other	3	21	0	24
Canada	0	0	0	0
Australia	270	0	0	270
<b>Subtotal:</b>	<b>12,794</b>	<b>7,933</b>	<b>5,957</b>	
<b>Total:</b>	<b>26,684</b>			

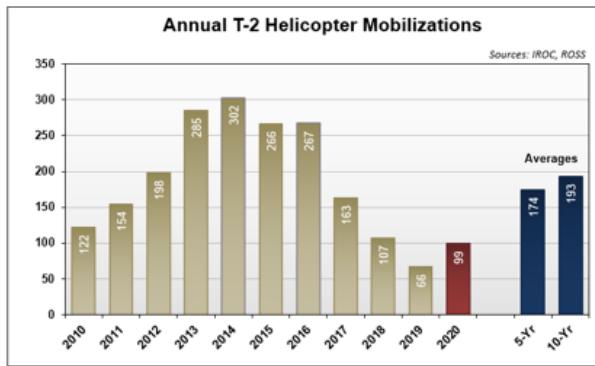
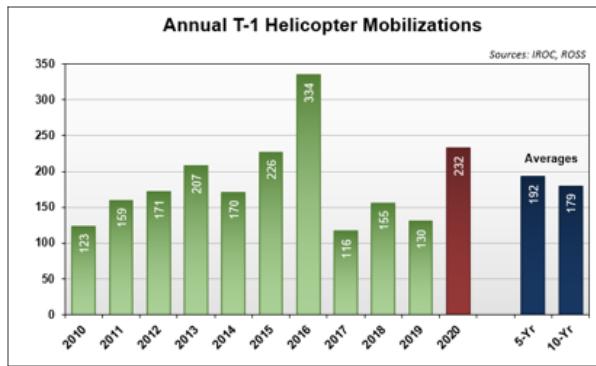
### By Requesting Geographic Area

Requesting GACC	Individual Overhead			
	Fill	Cancel	UTF	Total
AK	162	20	6	188
EA	58	38	14	110
GB	920	577	554	2,051
NICC	281	59	6	346
NO	3,137	2,209	2,289	7,635
NR	400	165	148	713
NW	1,698	1,782	1,164	4,644
RM	2,563	653	1,250	4,466
SA	254	71	23	348
SO	1,558	1,727	381	3,666
SW	1,493	632	122	2,247
Other	0	0	0	0
Canada	0	0	0	0
Australia	270	0	0	270
<b>Subtotal:</b>	<b>12,794</b>	<b>7,933</b>	<b>5,957</b>	
<b>Total:</b>	<b>26,684</b>			

## Helicopter Mobilizations

The NICC received 862 orders for Type 1, 2, and 3 helicopters in 2020. Of those requests, 468 were filled, 285 were canceled, and 109 were UTF. Individual statistics are listed below:

- Type 1 Helicopter requests: The NICC received 379 requests. 232 were filled, 100 were canceled, and 47 were UTF.
- Type 2 Helicopter requests: The NICC received 243 requests. 216 were filled, 17 were canceled, and 10 were UTF.
- Type 3 Helicopter requests: The NICC received 240 requests. 137 were filled, 82 were canceled, and 21 were UTF.



## Helicopter Requests Summary by Requesting Agency

Requesting Agency	Type 1				Type 2						Type 3				Helicopter Totals						
	Fill		Cancel	UTF	Standard Use			Limited Use			Fill		Cancel	UTF	Fill		Cancel	UTF	Total		
	CWN	EXCL			Fill	CWN	EXCL	Cancel	UTF	CWN	EXCL	Cancel	UTF	CWN	EXCL	Cancel	UTF				
BIA	1	5	8	2	2	0	2	1	0	n/a	1	0	1	8	2	0	4	13	33		
BLM	5	9	8	2	0	9	5	2	4	n/a	0	0	6	8	10	0	15	26	68		
DOD	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0		
FEMA	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0		
FS	75	112	71	39	3	59	66	25	18	n/a	10	10	23	82	60	18	119	253	207	92	671
FWS	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	
NPS	5	1	0	0	0	0	0	0	0	n/a	0	0	1	2	1	1	6	3	1	1	11
ST	5	14	13	4	0	2	13	3	2	n/a	4	0	3	3	9	2	10	19	39	9	77
Other	0	0	0	0	0	0	0	0	0	n/a	2	0	0	0	0	0	0	0	2	0	2
Canada	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal:</b>	<b>91</b>	<b>141</b>	<b>100</b>	<b>47</b>	<b>5</b>	<b>70</b>	<b>86</b>	<b>31</b>	<b>24</b>	<b>0</b>	<b>17</b>	<b>10</b>	<b>34</b>	<b>103</b>	<b>82</b>	<b>21</b>	<b>154</b>	<b>314</b>	<b>285</b>	<b>109</b>	
<b>Total:</b>					<b>379</b>		<b>192</b>			<b>51</b>			<b>240</b>				<b>468</b>		<b>862</b>		

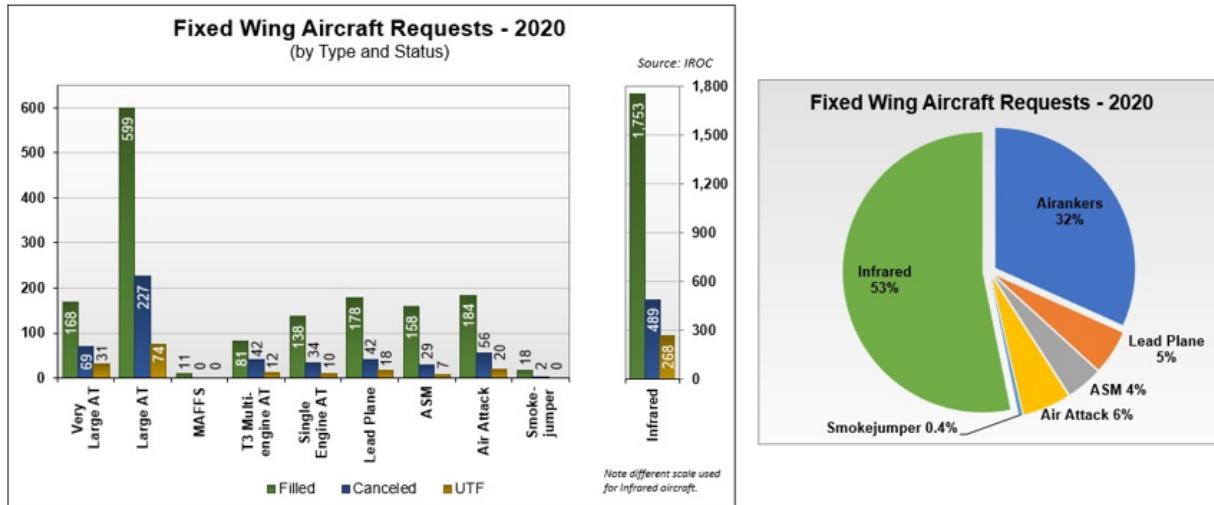
## Helicopter Requests Summary by Requesting Geographic Area

Requesting GACC	Type 1				Type 2						Type 3				Helicopter Totals						
	Fill		Cancel	UTF	Standard Use			Limited Use			Fill		Cancel	UTF	Fill		Cancel	UTF	Total		
	CWN	EXCL			Fill	CWN	EXCL	Cancel	UTF	CWN	EXCL	Cancel	UTF	CWN	EXCL	Cancel	UTF				
AK	0	1	0	0	0	0	0	0	0	n/a	0	0	0	0	0	1	0	0	1		
EA	0	4	2	0	0	1	0	0	0	n/a	0	0	0	2	5	1	0	7	15		
GB	8	18	5	1	0	9	7	4	5	n/a	2	6	10	14	5	0	23	41	19	11	94
NICC	0	4	3	0	0	0	0	0	0	n/a	0	0	0	0	0	0	4	3	0	7	
NO	4	27	17	17	2	12	18	7	5	n/a	3	1	8	18	13	4	19	57	51	29	156
NR	3	4	7	3	1	5	17	1	3	n/a	1	1	1	4	2	5	8	13	27	10	58
NW	10	14	4	1	0	5	6	0	2	n/a	0	1	3	16	5	2	15	35	15	4	69
RM	29	21	11	9	0	17	5	10	4	n/a	1	0	2	22	9	9	35	60	26	28	149
SA	10	7	0	1	0	2	1	0	0	n/a	0	0	1	0	2	0	11	9	3	1	24
SO	14	19	41	10	2	5	29	6	4	n/a	7		7	5	23	0	27	29	100	16	172
SW	13	22	10	5	0	14	3	3	1	n/a	3	1	2	22	18	0	16	58	34	9	117
Other	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal:</b>	<b>91</b>	<b>141</b>	<b>100</b>	<b>47</b>	<b>5</b>	<b>70</b>	<b>86</b>	<b>31</b>	<b>24</b>	<b>0</b>	<b>17</b>	<b>10</b>	<b>34</b>	<b>103</b>	<b>82</b>	<b>21</b>	<b>154</b>	<b>314</b>	<b>285</b>	<b>109</b>	
<b>Total:</b>					<b>379</b>		<b>192</b>			<b>51</b>			<b>240</b>				<b>468</b>		<b>862</b>		

## Fixed Wing Aircraft Mobilizations

Fixed wing aircraft include heavy airtankers, multi-engine airtankers (CL-215/415), single-engine airtankers (SEATs), lead planes, aerial supervision modules (ASM), air attack, infrared, and smokejumper aircraft. The NICC received 4,718 requests for fixed wing aircraft in 2020. Of those requests, 3,288 were filled, 990 were canceled, and 440 were UTF.

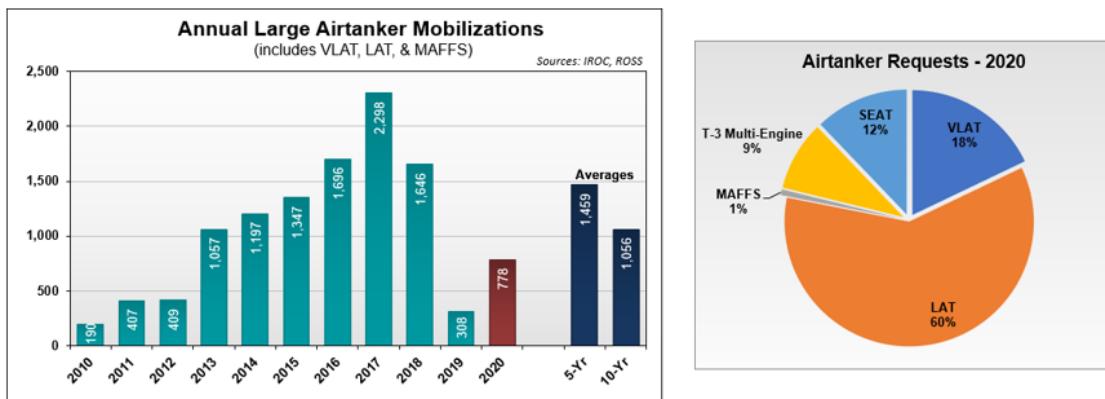
The number of fixed wing aircraft requests for thermal detection and fire perimeter mapping using infrared sensors increased significantly in 2020. This increase was primarily due to the addition of several new contract aircraft that were used for IR mapping, in addition to the one dedicated government owned (USFS) aircraft.



## Airtanker Mobilizations

The NICC received 1,168 requests for very large and heavy airtankers in 2020. Of those requests, 778 were filled, 296 were canceled, and 105 were UTF.

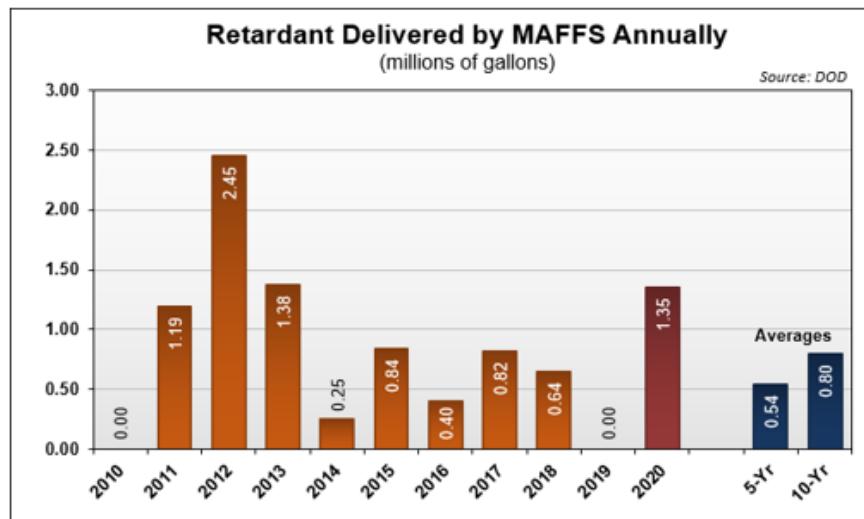
The NICC received 317 requests for multi-engine and single engine airtankers. Of those requests, 219 were filled, 76 were canceled, and 22 were UTF.



## Modular Airborne Fire Fighting Systems (MAFFS)

The NICC processed 11 requests for MAFFS in 2020. MAFFS were activated starting on July 23<sup>rd</sup> and released on October 4<sup>th</sup>. National statistics are listed below:

- Total missions: 517
- Total employment hours: 604
- Total retardant drops: 488
- Total gallons of retardant dropped: 1,350,298



## Fixed Wing Aircraft Requests Summary by Requesting Agency

Requesting Agency	Very Large Airtanker (VLAT)			Large Airtanker (LAT)			Modular Airborne Fire Fighting System (MAFFS)			Type 3 Multi-Engine Airtanker			Single Engine Airtanker (SEAT)			Lead Plane		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
BIA	7	3	2	14	9	10	0	0	0	0	0	0	5	4	2	3	2	1
BLM	40	16	4	118	52	10	0	0	0	16	6	2	36	11	4	28	13	4
DOD	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	92	40	19	350	117	41	11	0	0	47	33	6	71	15	2	112	21	6
FWS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
NPS	0	0	0	0	0	2	0	0	0	0	0	0	3	0	2	0	0	0
ST	29	10	6	116	49	11	0	0	0	18	3	4	23	4	0	33	6	7
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal:</b>	<b>168</b>	<b>69</b>	<b>31</b>	<b>599</b>	<b>227</b>	<b>74</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>81</b>	<b>42</b>	<b>12</b>	<b>138</b>	<b>34</b>	<b>10</b>	<b>178</b>	<b>42</b>	<b>18</b>
<b>Total:</b>	<b>268</b>			<b>900</b>			<b>11</b>			<b>135</b>			<b>182</b>			<b>238</b>		

Requesting Agency	Aerial Supervision Module (ASM)			Air Attack			Infrared			Smokejumper Aircraft			Fixed Wing Aircraft Total Requests			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
BIA	4	0	0	10	2	0	107	29	16	1	0	0	151	49	31	<b>231</b>
BLM	20	3	0	28	11	1	105	29	4	3	0	0	394	141	29	<b>564</b>
DOD	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	<b>3</b>
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
FS	117	22	7	118	39	15	1,262	319	191	14	2	0	2,194	608	287	<b>3,089</b>
FWS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	<b>1</b>
NPS	0	0	0	1	0	0	19	3	24	0	0	0	23	3	28	<b>54</b>
ST	16	4	0	27	4	4	260	109	33	0	0	0	522	189	65	<b>776</b>
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
<b>Subtotal:</b>	<b>158</b>	<b>29</b>	<b>7</b>	<b>184</b>	<b>56</b>	<b>20</b>	<b>1,753</b>	<b>489</b>	<b>268</b>	<b>18</b>	<b>2</b>	<b>0</b>	<b>3,288</b>	<b>990</b>	<b>440</b>	
<b>Total:</b>	<b>194</b>			<b>260</b>			<b>2,510</b>			<b>20</b>			<b>4,718</b>			

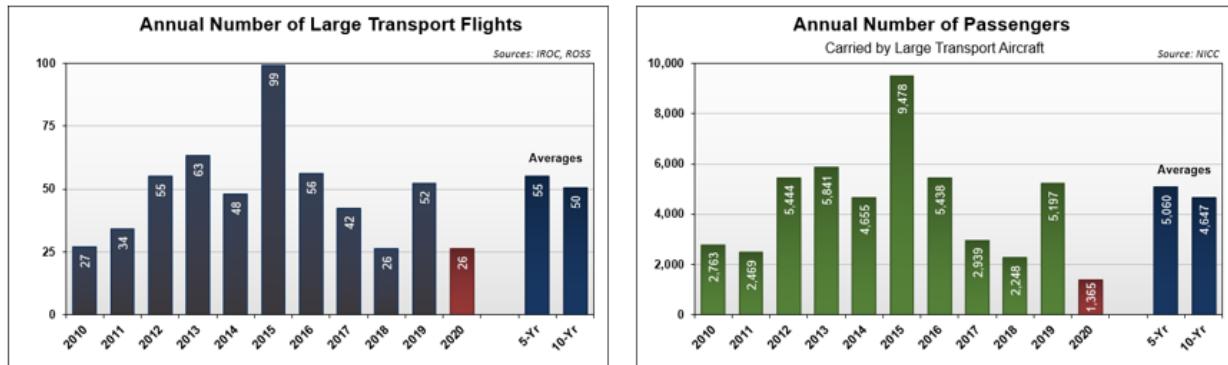
## Fixed Wing Aircraft Requests Summary by Requesting Geographic Area

Requesting GACC	Very Large Airtanker (VLAT)			Large Airtanker (LAT)			Modular Airborne Fire Fighting System (MAFFS)			Type 3 Multi-Engine Airtanker			Single Engine Airtanker (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	4	0	0	2	2	0	0	0	0
EA	0	0	0	2	0	0	0	0	0	2	0	0	7	1	0	0	0	0
GB	45	13	2	149	62	7	0	0	0	33	13	4	42	12	5	48	10	2
NICC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	7	5	0	28	16	3	11	0	0	15	7	0	9	4	0	12	2	0
NR	10	4	0	55	14	5	0	0	0	5	4	0	4	1	0	16	7	0
NW	10	5	7	63	20	19	0	0	0	6	3	4	11	7	0	21	5	2
RM	31	14	14	101	24	16	0	0	0	6	4	2	24	5	0	31	4	4
SA	3	0	3	20	3	4	0	0	0	0	0	0	18	1	0	7	0	6
SO	33	18	2	46	46	13	0	0	0	4	7	0	5	0	2	4	4	1
SW	29	10	3	135	42	7	0	0	0	6	4	2	16	1	3	39	10	3
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
<b>Subtotal:</b>	<b>168</b>	<b>69</b>	<b>31</b>	<b>599</b>	<b>227</b>	<b>74</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>81</b>	<b>42</b>	<b>12</b>	<b>138</b>	<b>34</b>	<b>10</b>	<b>178</b>	<b>42</b>	<b>18</b>
<b>Total:</b>	<b>268</b>			<b>900</b>			<b>11</b>			<b>135</b>			<b>182</b>			<b>238</b>		

Requesting GACC	Aerial Supervision Module (ASM)			Air Attack			Infrared			Smokejumper Aircraft			Fixed Wing Aircraft Total Requests			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
AK	0	0	0	0	0	0	3	0	0	1	0	0	10	2	0	<b>12</b>
EA	0	0	0	9	0	0	0	0	0	0	0	0	20	1	0	<b>21</b>
GB	38	5	0	34	8	2	149	24	11	1	0	0	539	147	33	<b>719</b>
NICC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
NO	9	3	0	12	3	0	459	84	49	4	2	0	566	126	52	<b>744</b>
NR	4	2	0	6	5	0	114	150	46	0	0	0	214	187	51	<b>452</b>
NW	8	1	0	22	3	1	244	96	95	3	0	0	388	140	128	<b>656</b>
RM	26	6	1	33	14	10	221	15	49	7	0	0	480	86	96	<b>662</b>
SA	2	0	0	11	0	3	0	0	0	0	0	0	61	4	16	<b>81</b>
SO	37	6	4	6	8	3	313	63	9	1	0	0	449	152	34	<b>635</b>
SW	33	6	2	51	15	1	250	57	9	1	0	0	560	145	30	<b>735</b>
Other	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	<b>1</b>
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
<b>Subtotal:</b>	<b>158</b>	<b>29</b>	<b>7</b>	<b>184</b>	<b>56</b>	<b>20</b>	<b>1,753</b>	<b>489</b>	<b>268</b>	<b>18</b>	<b>2</b>	<b>0</b>	<b>3,288</b>	<b>990</b>	<b>440</b>	
<b>Total:</b>	<b>194</b>			<b>260</b>			<b>2,510</b>			<b>20</b>			<b>4,718</b>			

## Large Transportation Aircraft

In 2020, there was one exclusive-use contract for large transportation aircraft. The contract was filled with a B737-2T4 jet aircraft. This exclusive-use jet flew 24 times. There were also two additional large aircraft charter flights arranged by the NICC. Due to Covid-19 mitigations, the large transport aircraft was only able to carry 60 passengers at one time, limiting the number of passengers in 2020.



## Exclusive-Use and Charter Large Transport Requests Summary by Destination Agency and Geographic Area

Requesting Agency	Exclusive-Use Aircraft		Charter Aircraft		Large Trans. Totals	
	Flights	Pax	Flights	Pax	Flights	Pax
BIA	6	368	0	0	6	368
BLM	0	0	0	0	0	0
DOD	0	0	0	0	0	0
FEMA	0	0	0	0	0	0
FS	17	805	2	162	19	967
FWS	0	0	0	0	0	0
NPS	0	0	0	0	0	0
ST	1	30	0	0	1	30
Other	0	0	0	0	0	0
Canada	0	0	0	0	0	0
<b>Total:</b>	<b>24</b>	<b>1,203</b>	<b>2</b>	<b>162</b>	<b>26</b>	<b>1,365</b>

Requesting GACC	Exclusive-Use Aircraft		Charter Aircraft		Large Trans. Totals	
	Flights	Pax	Flights	Pax	Flights	Pax
AK	5	306	0	0	5	306
EA	0	0	0	0	0	0
GB	1	62	0	0	1	62
NICC	1	62	0	0	1	62
NO	8	455	0	0	8	455
NR	0	0	0	0	0	0
NW	3	73	0	0	3	73
RM	6	245	0	0	6	245
SA	0	0	0	0	0	0
SA	0	0	2	162	2	162
SW	0	0	0	0	0	0
Other	0	0	0	0	0	0
Canada	0	0	0	0	0	0
<b>Total:</b>	<b>24</b>	<b>1,203</b>	<b>2</b>	<b>162</b>	<b>26</b>	<b>1,365</b>

## Light Cargo and Passenger Flights Summary by Destination Agency and Geographic Area

In support of other resource requests, the NICC arranged 19 cargo transportation flights in 2020. No passenger flights were arranged by the NICC in 2020, other than the Large Transport activity described in the preceding section.

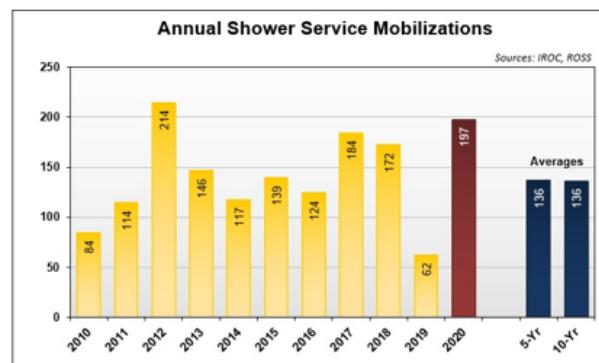
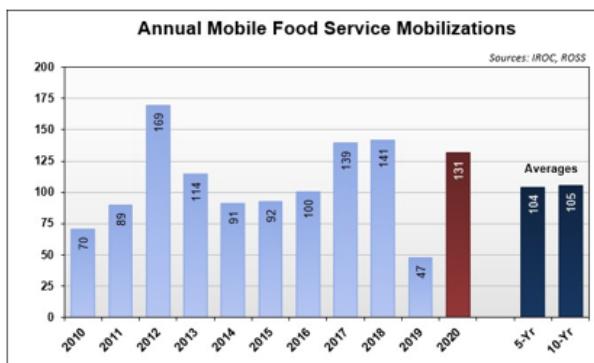
Requesting Agency	Cargo Transport		Passenger Transport		Total Flights
	Flights	Cargo (lbs)	Flights	Pax	
BIA	0	0	0	0	0
BLM	3	2,638	0	0	3
DOD	0	0	0	0	0
FEMA	0	0	0	0	0
FS	9	9,360	0	0	9
FWS	0	0	0	0	0
NPS	1	770	0	0	1
ST	6	6,503	0	0	6
Other	0	0	0	0	0
Canada	0	0	0	0	0
<b>Total:</b>	<b>19</b>	<b>19,271</b>	<b>0</b>	<b>0</b>	<b>19</b>

Requesting GACC	Cargo Transport		Passenger Transport		Total Flights
	Flights	Cargo (lbs)	Flights	Pax	
AK	0	0	0	0	0
EA	0	0	0	0	0
GB	1	1,038	0	0	1
NICC	0	0	0	0	0
NO	8	7,817	0	0	8
NR	0	0	0	0	0
NW	3	2942	0	0	3
RM	4	3149	0	0	4
SA	0	0	0	0	0
SA	2	3,814	0	0	2
SW	1	511	0	0	1
Other	0	0	0	0	0
Canada	0	0	0	0	0
<b>Total:</b>	<b>19</b>	<b>19,271</b>	<b>0</b>	<b>0</b>	<b>19</b>

## Equipment Service Mobilization

The NICC received 151 requests for mobile food services in 2020. Of those requests, 131 were filled, 14 were canceled, and seven were UTF.

The NICC received 212 requests for mobile shower services in 2020. Of those requests, 197 were filled, 14 were canceled, and one was UTF.



## Equipment Services Request Summary by Requesting Agency and Geographic Area

Requesting Agency	Mobile Food			Showers			Equipment Services Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
BIA	8	2	1	15	1	0	23	3	1	27
BLM	19	3	0	24	1	0	43	4	0	47
DOD	0	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0
FS	85	6	6	132	10	1	217	16	7	240
FWS	0	0	0	0	0	0	0	0	0	0
NPS	3	0	0	4	0	0	7	0	0	7
ST	14	3	0	21	2	0	35	5	0	40
Other	1	0	0	1	0	0	2	0	0	2
Canada	0	0	0	0	0	0	0	0	0	0
<b>Subtotal:</b>	<b>130</b>	<b>14</b>	<b>7</b>	<b>197</b>	<b>14</b>	<b>1</b>	<b>327</b>	<b>28</b>	<b>8</b>	
<b>Total:</b>	<b>151</b>			<b>212</b>			<b>363</b>			

Requesting GACC	Mobile Food			Showers			Equipment Services Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
AK	0	0	0	0	0	0	0	0	0	0
EA	0	0	0	0	0	0	0	0	0	0
GB	0	0	0	0	0	0	0	0	0	0
NICC	25	1	1	23	2	0	48	3	1	52
NO	24	3	1	37	3	0	61	6	1	68
NR	7	3	0	12	1	0	19	4	0	23
NW	31	3	1	54	5	0	85	8	1	94
RM	12	0	1	21	0	0	33	0	1	34
SA	0	0	0	0	0	0	0	0	0	0
SO	15	3	2	28	2	1	43	5	3	51
SW	16	1	1	22	1	0	38	2	1	41
Other	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0
<b>Subtotal:</b>	<b>130</b>	<b>14</b>	<b>7</b>	<b>197</b>	<b>14</b>	<b>1</b>	<b>327</b>	<b>28</b>	<b>8</b>	
<b>Total:</b>	<b>151</b>			<b>212</b>			<b>363</b>			

## Radio and Weather Equipment Mobilizations

The NICC received 939 requests for radio kits and weather equipment in 2020. Of those requests, 834 were filled, 82 were canceled, and 23 were UTF.

### Radio and Weather Equipment Request Summary by Requesting Agency and Requesting Geographic Area

Requesting Agency	4390 Starter			4312 Repeater			4381 Tactical			5869 IRAWs			Equipment Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
BIA	10	0	0	15	3	0	13	1	0	2	0	0	40	4	0	44
BLM	21	0	0	31	1	0	10	0	0	7	4	0	69	5	0	74
DOD	0	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	0
FS	118	17	2	203	20	3	178	19	10	68	2	5	567	58	20	645
FWS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NPS	3	0	0	3	0	0	2	0	0	0	3	0	8	3	0	11
ST	33	1	1	73	3	1	17	4	0	26	4	1	149	12	3	164
Other	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Subtotal:</i>	186	18	3	325	27	4	220	24	10	103	13	6	834	82	23	
<i>Total:</i>	207			356			254			122			939			

Requesting GACC	4390 Starter			4312 Repeater			4381 Tactical			5869 IRAWs			Equipment Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
AK	4	0	0	6	0	0	1	0	0	0	0	0	11	0	0	11
EA	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
GB	20	1	0	30	0	1	3	1	0	20	2	0	73	4	1	78
NICC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	31	2	1	91	7	0	68	6	0	38	3	1	228	18	2	248
NR	13	2	0	11	1	0	0	0	0	0	0	0	24	3	0	27
NW	29	2	1	40	4	2	53	8	10	12	2	3	134	16	16	166
RM	22	2	1	43	5	1	46	2	0	19	3	1	130	12	3	145
SA	4	1	0	0	0	0	2	1	0	0	0	0	6	2	0	8
SO	31	3	0	51	6	0	31	5	0	8	0	1	121	14	1	136
SW	28	5	0	53	4	0	16	1	0	6	3	0	103	13	0	116
Other	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
<i>Subtotal:</i>	186	18	3	325	27	4	220	24	10	103	13	6	834	82	23	
<i>Total:</i>	207			356			254			122			939			

# National Report of Wildland Fires and Acres Burned by State

(Figures are from the SIT/209 Application)

## Alabama

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
FS	23	1,217	0	0	23	1,217
FWS	0	0	0	0	0	0
OTHR	0	0	0	0	0	0
ST	813	19,340	0	0	813	19,340
<b>Totals:</b>	<b>836</b>	<b>20,557</b>	<b>0</b>	<b>0</b>	<b>836</b>	<b>20,557</b>

## Alaska

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BLM	11	11	131	45,245	142	45,256
DVF	154	260	37	135,640	191	135,900
FS	16	13	0	0	16	13
<b>Totals:</b>	<b>181</b>	<b>284</b>	<b>168</b>	<b>180,885</b>	<b>349</b>	<b>181,169</b>

## Arizona

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	795	5,083	98	180,124	893	185,207
BLM	190	15,175	60	61,029	250	76,204
DOD	0	0	0	0	0	0
DVF	338	31,192	50	52,765	388	83,957
FS	711	299,285	235	329,817	946	629,102
FWS	23	3,031	2	268	25	3,299
NPS	16	30	6	768	22	798
<b>Totals:</b>	<b>2,073</b>	<b>353,796</b>	<b>451</b>	<b>624,771</b>	<b>2,524</b>	<b>978,567</b>

## Arkansas

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
FS	58	1,599	2	0	60	1,599
FWS	0	0	0	0	0	0
NPS	14	138	0	0	14	138
OTHR	581	10,815	0	0	581	10,815
<b>Totals:</b>	<b>653</b>	<b>12,552</b>	<b>2</b>	<b>0</b>	<b>655</b>	<b>12,552</b>

## California

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	97	450	0	21,760	97	22,210
BLM	159	43,263	58	98,938	217	142,201
C&L	48	40,772	8	15	56	40,787

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
CDF	8,483	1,286,878	60	30	8,543	1,286,908
FS	1,019	867,073	400	1,560,872	1,419	2,427,945
FWS	13	45	0	0	13	45
LGR	5	2,257	0	0	5	2,257
NPS	42	32,193	37	44,603	79	76,796
OTHR	0	0	0	0	0	0
USN	2	93,000	0	0	2	93,000
<b>Totals:</b>	<b>9,868</b>	<b>2,365,932</b>	<b>563</b>	<b>1,726,218</b>	<b>10,431</b>	<b>4,092,150</b>

### Colorado

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	17	40	32	238	49	278
BLM	68	19,647	170	148,076	238	167,723
C&L	243	80,327	113	23,807	356	104,134
FS	288	315,154	125	1,255	413	316,409
FWS	1	96	3	1	4	97
NPS	3	30,154	11	118	14	30,272
OES	1	2,313	2	156	3	2,469
OTHR	0	0	0	0	0	0
USA	0	0	3	3,975	3	3,975
<b>Totals:</b>	<b>621</b>	<b>447,731</b>	<b>459</b>	<b>177,626</b>	<b>1,080</b>	<b>625,357</b>

### Connecticut

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
ST	585	382	1	1	586	383
<b>Totals:</b>	<b>585</b>	<b>382</b>	<b>1</b>	<b>1</b>	<b>586</b>	<b>383</b>

### Delaware

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
ST	426	1,356	0	0	426	1,356
<b>Totals:</b>	<b>426</b>	<b>1,356</b>	<b>0</b>	<b>0</b>	<b>426</b>	<b>1,356</b>

### Florida

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	8	329	0	0	8	329
DOD	35	1,870	0	0	35	1,870
FS	66	8,671	22	1,506	88	10,177
FWS	4	4,052	1	760	5	4,812
NPS	12	3,051	33	30,076	45	33,127
OTHR	200	4,920	3	13	203	4,933
ST	1,645	34,485	325	9,668	1,970	44,153
USAF	27	12	0	0	27	12

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
Totals:	1,997	57,390	384	42,023	2,381	99,413

### Georgia

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
DOD	0	0	0	0	0	0
FS	2	1	0	0	2	1
FWS	0	0	1	1	1	1
NPS	5	1	0	0	5	1
OTHR	0	0	0	0	0	0
ST	1,691	5,674	0	0	1,691	5,674
Totals:	1,698	5,676	1	1	1,699	5,677

### Hawaii

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
C&L	57	470	0	0	57	470
NPS	1	2	0	0	1	2
Totals:	58	472	0	0	58	472

### Idaho

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	23	171	0	0	23	171
BLM	138	44,010	39	16,137	177	60,147
BOR	6	12	0	0	6	12
C&L	79	8,662	5	662	84	9,324
DOD	2	2,183	1	914	3	3,097
FS	174	176,175	185	58,895	359	235,070
FWS	0	0	0	0	0	0
NPS	0	0	0	0	0	0
ST	239	5,806	53	725	292	6,531
Totals:	661	237,019	283	77,333	944	314,352

### Illinois

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	12	201	0	0	12	201
FWS	2	22	0	0	2	22
ST	5	16	0	0	5	16
Totals:	19	239	0	0	19	239

### Indiana

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
DOD	0	0	0	0	0	0
FS	0	0	0	0	0	0

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	4	259	0	0	4	259
NPS	6	52	0	0	6	52
ST	1	2	0	0	1	2
<b>Totals:</b>	<b>11</b>	<b>313</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>313</b>

### Iowa

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	0	0	0	0	0	0
ST	126	2,168	0	0	126	2,168
<b>Totals:</b>	<b>126</b>	<b>2,168</b>	<b>0</b>	<b>0</b>	<b>126</b>	<b>2,168</b>

### Kansas

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	9	101	0	0	9	101
C&L	35	33,477	0	0	35	33,477
FS	0	0	0	0	0	0
FWS	6	363	0	0	6	363
NPS	0	0	0	0	0	0
USA	2	640	0	0	2	640
<b>Totals:</b>	<b>52</b>	<b>34,581</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>34,581</b>

### Kentucky

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	21	170	1	108	22	278
NPS	0	0	0	0	0	0
ST	502	7,672	0	0	502	7,672
<b>Totals:</b>	<b>523</b>	<b>7,842</b>	<b>1</b>	<b>108</b>	<b>524</b>	<b>7,950</b>

### Louisiana

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	78	2,869	2	28	80	2,897
FWS	0	0	0	0	0	0
ST	321	2,983	0	0	321	2,983
<b>Totals:</b>	<b>399</b>	<b>5,852</b>	<b>2</b>	<b>28</b>	<b>401</b>	<b>5,880</b>

### Maine

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	0	0	0	0	0	0
FWS	1	0	0	0	1	0
NPS	1	0	0	0	1	0
ST	1,107	992	47	40	1,154	1,032
<b>Totals:</b>	<b>1,109</b>	<b>992</b>	<b>47</b>	<b>40</b>	<b>1,156</b>	<b>1,032</b>

**Maryland**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	1	0	0	0	1	0
ST	1	930	0	0	1	930
Totals:	2	930	0	0	2	930

**Massachusetts**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	1,178	767	11	67	1,189	834
Totals:	1,178	767	11	67	1,189	834

**Michigan**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	8	2	0	0	8	2
FS	196	177	1	0	197	177
FWS	0	0	0	0	0	0
NPS	3	0	0	0	3	0
ST	194	942	7	10	201	952
Totals:	401	1,121	8	10	409	1,131

**Minnesota**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	340	453	1	0	341	453
FS	97	107	11	13	108	120
FWS	27	3,076	0	0	27	3,076
NPS	5	0	1	0	6	0
ST	888	5,189	2	0	890	5,189
Totals:	1,357	8,825	15	13	1,372	8,838

**Mississippi**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	101	4,498	0	0	101	4,498
NPS	0	0	0	0	0	0
ST	989	13,442	0	0	989	13,442
Totals:	1,090	17,940	0	0	1,090	17,940

**Missouri**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	101	4,498	0	0	101	4,498
NPS	0	0	0	0	0	0
ST	989	13,442	0	0	989	13,442
Totals:	1,090	17,940	0	0	1,090	17,940

**Montana**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	956	106,528	98	19,168	1,054	125,696
BLM	30	2,345	52	9,325	82	11,670
C&L	413	95,909	153	85,355	566	181,264
FS	317	13,691	130	35,381	447	49,072
FWS	0	0	2	42	2	42
NPS	2	5	0	0	2	5
ST	225	1,548	55	336	280	1,884
<b>Totals:</b>	<b>1,943</b>	<b>220,026</b>	<b>490</b>	<b>149,607</b>	<b>2,433</b>	<b>369,633</b>

**Nebraska**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	0	0	0	0	0	0
DOF	14	6,357	11	637	25	6,994
FS	6	134	9	481	15	615
FWS	1	2	0	0	1	2
<b>Totals:</b>	<b>21</b>	<b>6,493</b>	<b>20</b>	<b>1,118</b>	<b>41</b>	<b>7,611</b>

**Nevada**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BLM	296	64,989	161	158,062	457	223,051
C&L	142	3,523	36	7,363	178	10,887
DOD	0	0	1	3,130	1	3,130
FS	30	5,634	52	16,414	82	22,048
FWS	16	154	0	0	16	154
NPS	30	4	0	0	30	4
ST	6	0	0	0	6	0
<b>Totals:</b>	<b>520</b>	<b>74,305</b>	<b>250</b>	<b>184,969</b>	<b>770</b>	<b>259,275</b>

**New Hampshire**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	34	4	2	0	36	4
NPS	1	0	0	0	1	0
ST	206	80	9	4	215	84
<b>Totals:</b>	<b>241</b>	<b>84</b>	<b>11</b>	<b>4</b>	<b>252</b>	<b>88</b>

**New Jersey**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
DOD	1	865	0	0	1	865
FWS	3	1	0	0	3	1
ST	1,976	9,535	1	1,518	1,977	11,053
<b>Totals:</b>	<b>1,980</b>	<b>10,401</b>	<b>1</b>	<b>1,518</b>	<b>1,981</b>	<b>11,919</b>

**New Mexico**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	139	843	27	449	166	1,292
BLM	69	3,748	36	3,061	105	6,809
DOE	2	1	0	0	2	1
FS	304	6,940	178	85,561	482	92,501
FWS	2	1	0	0	2	1
NPS	2	62	8	10	10	72
OTHR	0	0	0	0	0	0
SF	179	4,068	72	4,768	251	8,836
<b>Totals:</b>	<b>697</b>	<b>15,663</b>	<b>321</b>	<b>93,849</b>	<b>1,018</b>	<b>109,512</b>

**New York**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	187	1,104	5	19	192	1,123
<b>Totals:</b>	<b>187</b>	<b>1,104</b>	<b>5</b>	<b>19</b>	<b>192</b>	<b>1,123</b>

**North Carolina**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	5	2	0	0	5	2
FS	20	1,056	2	73	22	1,129
FWS	3	60	0	0	3	60
NPS	0	0	0	0	0	0
OTHR	0	0	0	0	0	0
ST	2,270	7,574	27	246	2,297	7,820
USM	37	3,863	0	0	37	3,863
<b>Totals:</b>	<b>2,335</b>	<b>12,555</b>	<b>29</b>	<b>319</b>	<b>2,364</b>	<b>12,874</b>

**North Dakota**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	627	2,602	5	13	632	2,615
BLM	0	0	0	0	0	0
FS	10	350	4	25	14	375
FWS	4	780	1	12	5	792
ST	0	0	0	0	0	0
<b>Totals:</b>	<b>641</b>	<b>3,732</b>	<b>10</b>	<b>50</b>	<b>651</b>	<b>3,782</b>

**Ohio**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	49	49	1	17	50	66
ST	599	1,485	0	0	599	1,485
<b>Totals:</b>	<b>648</b>	<b>1,534</b>	<b>1</b>	<b>17</b>	<b>649</b>	<b>1,551</b>

**Oklahoma**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	449	23,887	3	10	452	23,897
FWS	10	133	1	5	11	138
OTHR	165	2,430	0	0	165	2,430
ST	613	75,836	0	0	613	75,836
<b>Totals:</b>	<b>1,237</b>	<b>102,287</b>	<b>4</b>	<b>15</b>	<b>1,241</b>	<b>102,302</b>

**Oregon**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	159	2,069	25	213,747	184	215,817
BLM	86	184,205	73	49,842	159	234,047
C&L	5	8	0	0	5	8
DL	0	0	0	0	0	0
DOF	798	44,677	158	3,095	956	47,772
FS	488	447,518	397	194,629	885	642,147
FWS	9	1,021	3	798	12	1,819
NPS	8	1	6	1	14	2
<b>Totals:</b>	<b>1,553</b>	<b>679,499</b>	<b>662</b>	<b>462,113</b>	<b>2,215</b>	<b>1,141,612</b>

**Pennsylvania**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	7	13	0	0	7	13
ST	1,473	2,976	8	8	1,481	2,984
<b>Totals:</b>	<b>1,480</b>	<b>2,989</b>	<b>8</b>	<b>8</b>	<b>1,488</b>	<b>2,997</b>

**Rhode Island**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	112	85	1	0	113	85
<b>Totals:</b>	<b>112</b>	<b>85</b>	<b>1</b>	<b>0</b>	<b>113</b>	<b>85</b>

**South Carolina**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	14	31	1	1	15	32
FWS	0	0	0	0	0	0
NPS	0	0	0	0	0	0
OTHR	440	1,664	5	47	445	1,711
ST	2	7	0	0	2	7
USA	3	4	0	0	3	4
<b>Totals:</b>	<b>459</b>	<b>1,706</b>	<b>6</b>	<b>48</b>	<b>465</b>	<b>1,754</b>

### **South Dakota**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	431	8,831	22	4,374	453	13,205
BLM	0	0	0	0	0	0
C&L	10	631	0	0	10	631
FS	34	56	50	41	84	97
FWS	0	0	1	2	1	2
NPS	0	0	2	28	2	28
ST	264	3,964	38	1,709	302	5,673
<b>Totals:</b>	<b>739</b>	<b>13,482</b>	<b>113</b>	<b>6,154</b>	<b>852</b>	<b>19,636</b>

### **Tennessee**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	23	41	1	3	24	44
NPS	1	1	0	0	1	1
ST	342	4,118	0	0	342	4,118
<b>Totals:</b>	<b>545</b>	<b>4,936</b>	<b>5</b>	<b>1</b>	<b>550</b>	<b>4,937</b>

### **Texas**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BLM	0	0	0	0	0	0
C&L	5,749	49,673	180	7,177	5,929	56,850
FS	50	290	10	287	60	577
FWS	21	6,032	11	137	32	6,169
NPS	5	12	11	668	16	680
OTHR	0	0	0	0	0	0
ST	556	127,205	120	65,345	676	192,550
<b>Totals:</b>	<b>6,381</b>	<b>183,212</b>	<b>332</b>	<b>73,614</b>	<b>6,713</b>	<b>256,826</b>

### **Utah**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	31	141	8	6,791	39	6,932
BLM	179	42,693	148	59,662	327	102,355
DOD	0	0	0	0	0	0
FS	176	11,184	85	115,042	261	126,226
FWS	1	0	0	0	1	0
NPS	9	20	3	0	12	20
ST	750	42,778	93	42,403	843	85,181
USA	8	9,020	2	1	10	9,021
<b>Totals:</b>	<b>1,154</b>	<b>105,836</b>	<b>339</b>	<b>223,899</b>	<b>1,493</b>	<b>329,735</b>

**Vermont**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	4	4	0	0	4	4
ST	89	120	3	2	92	122
<b>Totals:</b>	<b>93</b>	<b>124</b>	<b>3</b>	<b>2</b>	<b>96</b>	<b>126</b>

**Virginia**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BLM	0	0	0	0	0	0
FS	19	305	4	12	23	317
FWS	0	0	0	0	0	0
ST	365	4,803	22	476	387	5,279
<b>Totals:</b>	<b>384</b>	<b>5,108</b>	<b>26</b>	<b>488</b>	<b>410</b>	<b>5,596</b>

**Washington**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	171	324,487	3	4	174	324,491
BLM	68	30,101	2	79	70	30,180
C&L	89	2,674	0	0	89	2,674
DNR	991	204,994	33	144	1,024	205,138
FS	182	25,590	38	4,470	220	30,061
FWS	50	30,924	4	249	54	31,173
NPS	3	84.2	4	0.8	7	85
ST	8	218,568	0	0	8	218,568
<b>Totals:</b>	<b>1,562</b>	<b>837,422</b>	<b>84</b>	<b>4,947</b>	<b>1,646</b>	<b>842,370</b>

**West Virginia**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	9	30	0	0	9	30
NPS	0	0	0	0	0	0
ST	1,166	6,694	55	1,472	1,221	8,166
<b>Totals:</b>	<b>1,175</b>	<b>6,724</b>	<b>55</b>	<b>1,472</b>	<b>1,230</b>	<b>8,196</b>

**Wisconsin**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	8	6	0	0	8	6
FS	14	5	0	0	14	5
FWS	3	241	0	0	3	241
NPS	0	0	0	0	0	0
ST	752	1,526	4	7	756	1,533
<b>Totals:</b>	<b>777</b>	<b>1,778</b>	<b>4</b>	<b>7</b>	<b>781</b>	<b>1,785</b>

**Wyoming**

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	138	397	5	62	143	459
BLM	100	25,033	44	5,356	144	30,389
BOR	7	49	0	0	7	49
C&L	242	47,268	96	16,710	338	63,978
FS	78	211,393	45	21,879	123	233,272
FWS	0	0	0	0	0	0
NPS	9	4	8	4,128	17	4,132
OTHR	0	0	0	0	0	0
SF	35	5,933	21	1,570	56	7,503
<b>Totals:</b>	<b>609</b>	<b>290,077</b>	<b>219</b>	<b>49,705</b>	<b>828</b>	<b>339,782</b>

## NICC Benchmarks

The figures below represent national-level totals for fire activity and numbers of resources mobilized through the National Interagency Coordination Center, except for Incident Management Team mobilizations, which are displayed in totality of mobilizations nationwide. Records set during the year of this report are in **bold**.

Category	Record Year	Record	2020 Stats
Wildfires	2006	96,385	58,950
Wildfire Acres Burned	2015	10,125,149	10,122,336
Significant Fires	2006	1,801	999
Days at Preparedness Level 1&2	2010	365	229
Days at Preparedness Level 4&5	2002	88	71
Days at Preparedness Level 5	2002	62	45
Type 1 IMT Mobilizations*	2002	85	31
Type 2 IMT Mobilizations*	2000	58	28
Dept. of Defense Battalions/Task Forces	1988	8	2
MAFFS (millions of gallons delivered)	1994	5.03	1.350
Tactical Crew Mobilizations	2003	1,796	1,017
<b>Engine Mobilizations</b>	<b>2020</b>	<b>2,387</b>	<b>2,387</b>
Overhead Mobilizations	2000	17,898	12,794
Type 1 Helicopter Mobilizations	2006	288	232
Type 2 Helicopter Mobilizations	2006	323	99
Heavy Airtankers (VLAT/LAT/MAFFS)	2017	2,298	778
Large Transport Flights	1994	552	26
Mobile Food Units	1994	195	131
Shower Units	1994	256	197

## **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

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