2012 ALASKA FIRE SEASON

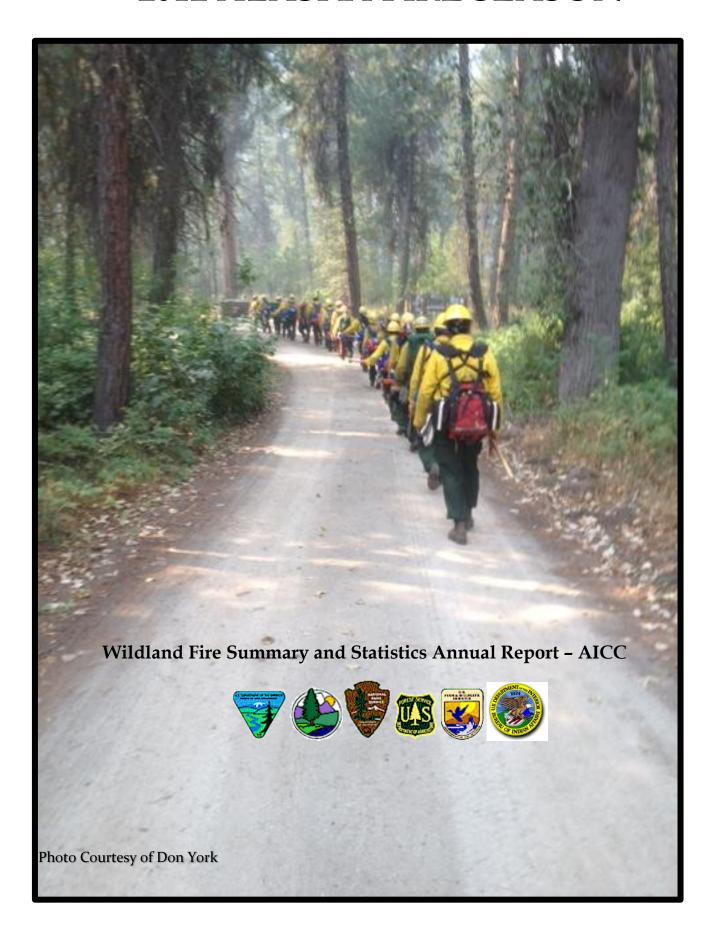


Table of Contents

| 1 | Index |
|----|---|
| 2 | 2012 Alaska Fire Season Summary |
| 11 | 2012 Fires over 1,000 acres |
| 12 | 2012 Statewide Fires and Acres Burned by Protection Agency and Management Option |
| 13 | 2012 Statewide Fires and Acres Burned by Landowner and Management Option |
| 14 | 2012 Fires Burned by Landowner and Management Graph |
| 15 | 2012 Acres Burned by Landowner and Management Graph |
| 16 | 2012 Statewide Acres Burned by Landowner in Critical Management Option Graph |
| 17 | 2012 Statewide Acres Burned by Landowner in Full Management Option Graph |
| 18 | 2012 Statewide Acres Burned by Landowner in Modified Management Option Graph |
| 19 | 2012 Statewide Acres Burned by Landowner in Limited Management Option Graph |
| 20 | 2012 Alaska Fire Service Protection Fires and Acres Burned by Zone and Management Option |
| 20 | 2012 USFS Fire and Acres burned by Forest |
| 21 | 2012 State of Alaska Protection Fires and Acres burned by Region and Management Option |
| 22 | 2012 BLM Fires and Acres Burned by landowner and Management Option |
| 22 | 2012 U.S. Fish and Wildlife Service Fires and Acres Burned by Refuge and Management Option |
| 23 | 2012 National Park Service Fire and Acres burned by Park ort preserve and Management Option |
| 24 | 2012 Wildfires by Cause and Size Class |
| 25 | 2012 EFF wages |

2012 Alaska Fire Season Summary

APRIL/MAY

The 2012 Alaska fire Season started with a warm and dry April, burning less than 12 acres with 20 fires by month's end. A cool May, with precipitation at the end of the month, slowed Alaska's pace to 200 acres burned, whereas in 2011 nearly 140,000 acres had burned in May.



JUNE

In 2011 acres burned by the end of June were 262,000. Due to above normal precipitation – particularly in the Interior – acres burned by the end of June in 2012 were 144,000, a difference of 118,000 acres. The Alaska Lightning Detection System recorded lightning strikes each day in June and over 23,000 strikes were recorded for Alaska, roughly twice the total average. A lightning bust combined with low precipitation, generated numerous fire starts in the Galena Zone during the first two weeks of June. During the last two weeks, it was Fairbanks Area's turn.



A nearly five hour lightning bust starting in the early evening of June 23rd generated numerous smoke reports resulting in 11 fires. One fire near Healy, AK – Bear Creek #4 – grew to 8,522 and Alaska's Type 1 Incident Management Team commanded by Tom Kurth, was assigned on June 25th. The Type 1 Team transitioned to the Alaska Type 2 Team, IC Allen, on July 1st and demobed on the July 7th. Cool humid weather, involving scattered showers and wet thunderstorms, assisted in the fire's containment on July 5th, and the fire was out on August 9th. At Bear Creek #4's peak there were 463 overhead assigned including 2 T1 crews, 15 T2 Crews, 5 Helicopters, 1 Engine, and 147 miscellaneous overhead.





While Lightning was occurring in Alaska, during most of June, because of the associated precipitation, Alaska was able to provide Type 2 crews to the lower 48 for fire assignments.

JULY

The first group of 5 Type 2 crews went out on a National Interagency Coordination Center (NICC) charter jet on July 2nd, followed by a second group that departed Fort Wainwright on the 4th of July.



July 14th two helicopter modules and one Agency Representative (AREP) were dispatched to Alberta, Canada. Due to some issues with The North American Free Trade Agreement (NAFTA) the Type 2 Helicopters and their managers returned home on the 18th. The remaining 8 stayed and worked the Wentzel Fire, near High Level Alberta.

July 15th through the 31st a 10 person short team of operations and logistics personnel were assigned to the Northwest Territories. They were followed by White Mountain Type 2IA on the 23rd through August 3rd.

The rainfall for Alaska's interior was below normal for July, but there was frequent light rain that came in repeated doses (20 days in July saw rain). The rainfall paired with cooler than normal temperatures and little lightning activity stifled wildfire potential. In July, the Alaska Lightning Detection System recorded 3,870 strikes on July 7th, three days with no strikes, and after July 19 very few strikes. In 2011, by the end of July, over 290,000 acres had burned in Alaska. For comparison, by the end of July in 2012, a little over 207,000 acres were burned.

AUGUST

Three more groups of crews were sent to the lower 48 in August. One group of mostly T2IA crews departed Fort Wainwright on August 7th, and two groups of Type 2 Crews went out on August 10th and 13th.



Some lightning occurred in August. The Alaska Lightning Detection System recorded 74 strikes on August 2nd, and then for the next, 14 days of no lightning was detected.

In the Interior, a mid-August relief of warm dry weather coinciding with some lively winds during the third week of August caused the Dry Creek fire to reawaken. Started by lightning on June 23rd, the Dry Creek fire, located on the flats south of the Tanana River, grew from 360 acres in mid July to 40,529 by the end of August. Thick smoke floated into Fairbanks from the 18th through the 22nd, causing air quality advisories to be issued on several days. Rainfall, starting on August 25th, helped to minimize the smokes impact on the Fairbanks area.



SEPTEMBER

Ten T2 crews departed Fort Wainwright on September 19th and 23rd making a total of 7 groups that were sent to the lower 48. The Alaska T1 IMT, IC Kurth, was also mobilized to the Trinity Ridge fire in Idaho. The team was out from September 2nd thru the 21st.

On the night of September 4th winds with peak gusts to 131 mph were reported in the Chugach Mountains east of Anchorage. The combination of the ground still being soft and wet from August rains and the leaves remaining on the trees when the wind increased; caused downed trees and power outages as far away as Delta Junction and Tok area. Wind gusts in Delta Junction peaked at 76 mph, causing three powerline fires, while one occurred in Tok. Less than two weeks later, high winds impacted Tok again.



The night of September 16th, local Tok and Tananacross residents estimated peak wind gusts of 100 mph. The soil conditions were dry and firm during this wind event, causing mostly healthy, strong trees to be taken down. The blow down affected approximately 20 percent of the forest at Dry Creek. From September 16th thru September 19th Delta Area responded to 10 powerline fires, and Tok Area responded to two.



Strong winds on September 16^{th} also caused the Dry Creek fire to flare back up. During the month of September the fire grew by 6,625 acres.

September saw the end of the Alaska's thunder and lightning season, with some thunder and lightning occurring around Fairbanks on September 9th. On September 23rd, a late thunderstorm occurred followed by a cold front with brief snow fall.

OCTOBER/NOVEMBER/DECEMBER

In October Alaska had 8 fires, for 17.2 acres, caused by debris burning, campfires or structures burning into the wildlands.



Dillingham, Alaska had an unexpected 16,566 acre fire starting on November 2nd. The Snake River fire started in the afternoon when a small remote controlled plane crashed into the tundra 3 miles from the local airport. Wind driven, the fire quickly grew to four miles long and quarter of a mile wide and was initially reported to be 1,000 acres. The local volunteer fire department was assisted by a helicopter doing bucket drops on the southwest corner to protect Native allotments and a short T3 team lead by IC Tom Dean was assigned on November 5th. The fire was called out on November 9th.



The last surprise wind event of 2012 happened between November 29th and December 5th. 17 human caused fires occurred in the Mat-Su valley mainly due to lack of snow pack, strong winds and low RH. The fire causes varied from a vehicle, a burn barrel, a power line to a couple of structure fires that burned into the wildlands. Many homes were threatened and some subdivisions required evacuation. Mat-Su Area was assisted by state technicians from Fairbanks and Copper River along with BLM smokejumpers deployed from AFS. Local efforts were provided by emergency responders, fire departments, Mat-Su Borough Emergency Services, police, and troopers.



2012 Fires over 1,000 acres

| | Fire Name(Zone) | Cause | Start/End Dates | Acreage |
|-----------------|--------------------------|-----------|-----------------|---------|
| | Marie Creek(UYD) | Lightning | 06/05-08/17 | 9,668 |
| | Kokrines Hills(TAD) | Lightning | 06/05-06/18 | 3,720 |
| | Noatak Grand Canyon(GAD) | Lightning | 06/06-06/18 | 4,626 |
| | Otter Creek(GAD) | Lightning | 06/05-06/09 | 4,753 |
| | Little Indian River(TAD) | Lightning | 06/06-07/30 | 15,278 |
| - | Pahl River(GAD) | Lightning | 06/06-07/16 | 3,598 |
| | Kogoluktuk River(GAD) | Lightning | 06/06-06/17 | 1,689 |
| | Nekakte(GAD) | Lightning | 06/07-06/18 | 6,298 |
| | Melozi(TAD) | Lightning | 06/07-07/05 | 1,738 |
| N. Constitution | Nowitna River(TAD) | Lightning | 06/16-09/03 | 22,366 |
| 100 | Hogatza river(GAD) | Lightning | 06/16-08/05 | 24,179 |
| | Kucher Creek(GAD) | Lightning | 06/18-07/02 | 18,850 |
| | Knifeblade Ridge(GAD) | Lightning | 06/18-06/27 | 3,618 |
| P(A) | Kigalik River(GAD) | Lightning | 06/18-06/27 | .2,050 |
| | Itkillik River(TAD) | Lightning | 06/19-06/21 | 2,311 |
| *47. | Allakaket(TAD) | Human | 06/20-08/15 | 2,642 |
| M | Delta Creek #2(DAS) | Human | 06/21-06/30 | 3,185 |
| 444 | Bear Creek #4(FAS) | Lightning | 06/23-08/09/12 | 8,522 |
| | Dry Creek(MID) | Lightning | 06/23-11/15 | 47,154 |
| HEL | Midnight Creek(UYD) | Lightning | 06/25-8/17 | 7,927 |
| | Koness River(UYD) | Lightning | 06/26-7/23 | 1,679 |
| | Uvgoon Creek #1(GAD) | Lightning | 07/03-08/05 | 49,305 |
| | Kungiakrok Creek(GAD) | Lightning | 07/03-07/05 | 12,800 |
| | Feniak(GAD) | Lightning | 07/04-08/05 | 1,567 |
| | Uyon Lakes(GAD) | Lightning | 07/06-08/05 | 3,894 |
| | Industrial Park(MID) | Human | 09/25-10/09 | 10,222 |
| | Snake River(SWS) | Human | 11/02-11/09 | 16,566 |
| | | | | |

Photo Courtesy of Nan Floyd

Alaska 10 - Year Fire Rank 7th # of Fires 8th # of Acres

| 2003 | <u>2004</u> | <u>2005</u> | 2006 | 2007 | 2008 | 2009 | <u> 2010</u> | <u>2011</u> | <u>2012</u> |
|---------|-------------|-------------|---------|---------|---------|-----------|--------------|-------------|-------------|
| 476 | 701 | 624 | 307 | 509 | 367 | 527 | 688 | 515 | 416 |
| 602,718 | 6,590,140 | 4,663,880 | 266,268 | 649,411 | 103,649 | 2,951,593 | 1,125,419 | 293,018 | 286,888 |

| 2012 Statewide Fires and Acres Burned by Protection Agency and Management Option | | | | | | |
|--|-------|----------|----------|----------|-----------|-----------|
| Agency | _ | Critical | Full | Modified | Limited | Total |
| Alaska Fire Service | fires | 3 | 18 | 33 | 8o | 134 |
| | acres | 2,643.2 | 252.6 | 14,369.5 | 243,022.8 | 260,288.1 |
| State of Alaska | fires | 193 | 61 | 4 | 11 | 269 |
| | acres | 188.4 | 25,781.9 | 367.1 | 260.8 | 26,598.2 |
| U.S. Forest Service | fires | 5 | 5 | 1 | 2 | 13 |
| | acres | 0.8 | 0.5 | 0.1 | 0.2 | 1.6 |
| Total Fires | | 201 | 84 | 38 | 93 | 416 |
| Total Acres | | 2,832.4 | 26,035.0 | 14,736.7 | 243,283.8 | 286,887.9 |

2012 Statewide Fires and Acres Burned by Landowner and Management Option

| Owner | | Critical | Full | Modified | Limited | Total |
|---------------------------|-------|----------|----------|----------|-----------|-----------|
| Bureau of Indian Affairs | fires | О | 4 | О | О | 4 |
| | acres | 0.0 | 97.0 | 25.0 | 0.0 | 122.0 |
| | | | | | | |
| Bureau of Land Management | fires | 1 | 4 | 16 | 18 | 39 |
| | acres | 0.1 | 25.2 | 7,368.2 | 44,226.7 | 51,620.2 |
| | | | | | | |
| Boro | fires | 10 | 2 | O | О | 12 |
| | acres | 3.0 | 1.1 | 0.0 | 0.0 | 4.1 |
| | | | | | | |
| Fish and Wildlife Service | fires | О | 2 | 5 | 23 | 30 |
| | acres | 98.1 | 333.0 | 48.2 | 39,577.9 | 40,057.2 |
| | | | | | | |
| Military Lands | fires | 1 | 5 | 0 | 10 | 16 |
| | acres | 1.5 | 1.6 | 0.0 | 61,301.4 | 61,304.5 |
| | | | | | | |
| Native Claims Act Lands | fires | 8 | 23 | 5 | 5 | 41 |
| | acres | 1,401.3 | 17,691.8 | 469.3 | 19,321.0 | 38,883.4 |
| | | | | | | |
| National Park Service | fires | О | 0 | 4 | 17 | 22 |
| | acres | 0.0 | 113.7 | 6,464.6 | 70,242.5 | 76,820.8 |
| | | | | | | |
| Private | fires | 143 | 5 | О | О | 148 |
| | acres | 164.2 | 139.0 | 0.0 | 0.0 | 303.2 |
| | _ | _ | | | | |
| State of Alaska | fires | 36 | 36 | 7 | 20 | 99 |
| | acres | 16.7 | 8,818.0 | 468 | 8,469.3 | 17,772.0 |
| | | | | | | |
| U.S. Forest Service | fires | 2 | 2 | 1 | 0 | 5 |
| | acres | 0.2 | 0.2 | 0.1 | 0.0 | 0.5 |
| m . 1 m | 2 | | • | | | |
| Total Fires | fires | 201 | 84 | 51 | 73 | 416 |
| Total Acres Burned | acres | 1,685.1 | 27,220.6 | 22,844.7 | 234,669.5 | 286,887.9 |

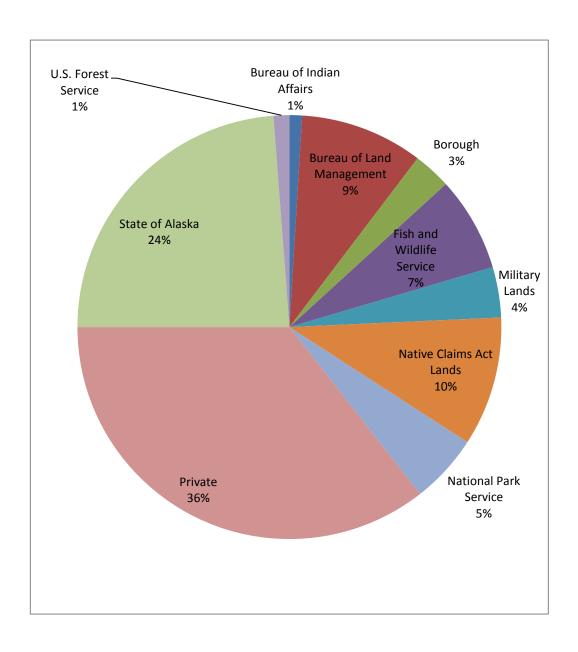
Number of fires is based on ownership and management option at point of origin. Acreage shown is actual acres burned by owner and management option, i.e. fires that burned on multiple ownerships are counted as fires based on the ownership at point of origin, but the acreage burned in divided and shown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

2012 Statewide Fires Burned by Landowner

Landowner <u>Number of Fires</u>

| Bureau of Indian Affairs | 4 |
|---------------------------|-----|
| Bureau of Land Management | 39 |
| Borough | 12 |
| Fish and Wildlife Service | 30 |
| Military Lands | 16 |
| Native Claims Act Lands | 41 |
| National Park Service | 22 |
| Private | 148 |
| State of Alaska | 99 |
| U.S. Forest Service | 5 |

<u>Total</u> <u>416.0</u>

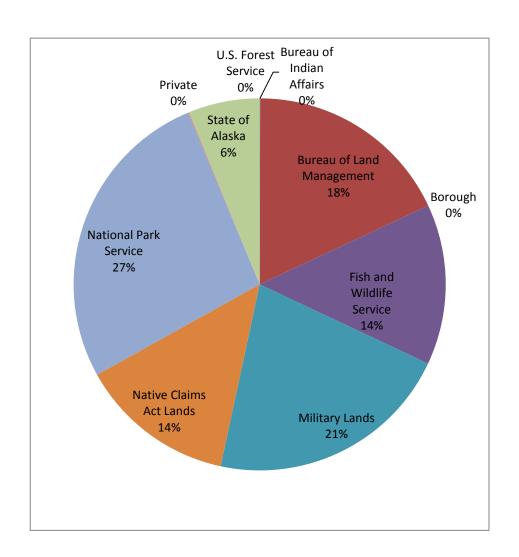


2012 Statewide Acres Burned by Landowner

<u>Landowner</u> <u>Acres Burned</u>

| Bureau of Indian Affairs | 122.0 |
|---------------------------|----------|
| Bureau of Land Management | 51,620.2 |
| Borough | 4.1 |
| Fish and Wildlife Service | 40,057.2 |
| Military Lands | 61,304.5 |
| Native Claims Act Lands | 38,883.4 |
| National Park Service | 76,820.7 |
| Private | 303.2 |
| State of Alaska | 17,772.0 |
| U.S. Forest Service | 0.5 |

<u>Total</u> 286887.9

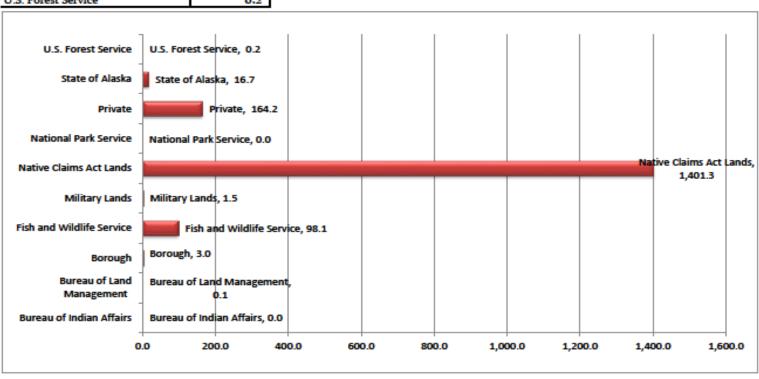


Landowner Acres

| Bureau of Indian Affairs | 0.0 |
|---------------------------|---------|
| Bureau of Land Management | 0.1 |
| Borough | 3.0 |
| Fish and Wildlife Service | 98.1 |
| Military Lands | 1.5 |
| Native Claims Act Lands | 1,401.3 |
| National Park Service | 0.0 |
| Private | 164.2 |
| State of Alaska | 16.7 |
| U.S. Forest Service | 0,2 |
| O.D. I OTESE DELVICE | |

2012 Statewide Acres Burned by Landowner in <u>Critical</u> Mangement Option

Total Acres Burned in Critical: 1,685.1

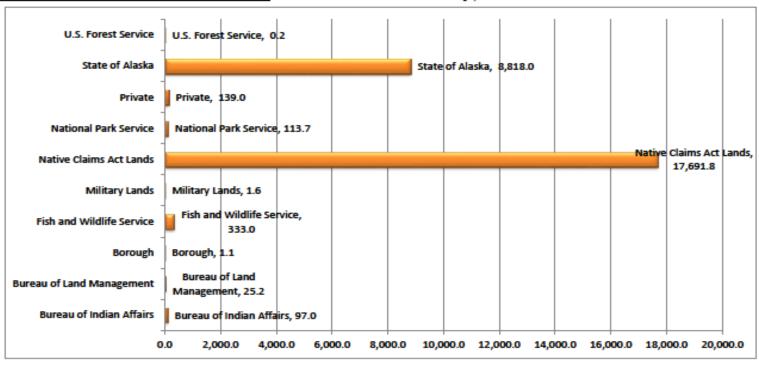


| Landowner | Acres |
|-----------|-------|
|-----------|-------|

| Bureau of Indian Affairs | 97.0 |
|---------------------------|----------|
| Bureau of Land Management | 25.2 |
| Borough | 1.1 |
| Fish and Wildlife Service | 333.0 |
| Military Lands | 1.6 |
| Native Claims Act Lands | 17,691.8 |
| National Park Service | 113.7 |
| Private | 139.0 |
| State of Alaska | 8,818.0 |
| U.S. Forest Service | 0.2 |

2012 Statewide Acres Burned by Landowner in <u>FULL</u> Mangement Option

Total Acres Burned in Full: 27,220.6

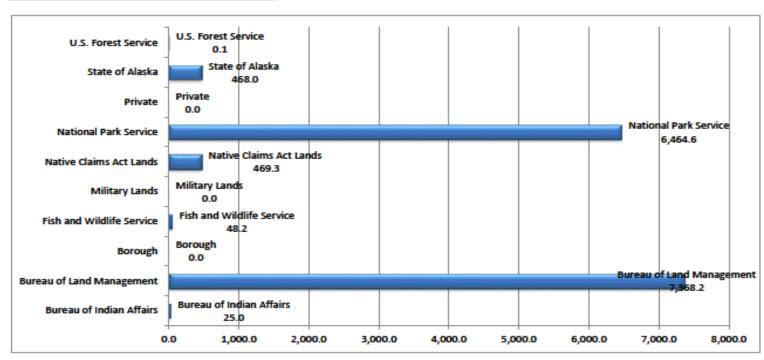


<u>Landowner</u> <u>Acres</u>

| Bureau of Indian Affairs | 25.0 |
|---------------------------|---------|
| Bureau of Land Management | 7,368.2 |
| Borough | 0.0 |
| Fish and Wildlife Service | 48.2 |
| Military Lands | 0.0 |
| Native Claims Act Lands | 469.3 |
| National Park Service | 6,464.6 |
| Private | 0.0 |
| State of Alaska | 468.o |
| U.S. Forest Service | 0.1 |

2012 Statewide Acres Burned by Landowner in <u>Modified</u> Mangement Option

Total Acres Burned in Modified: 22,844.7

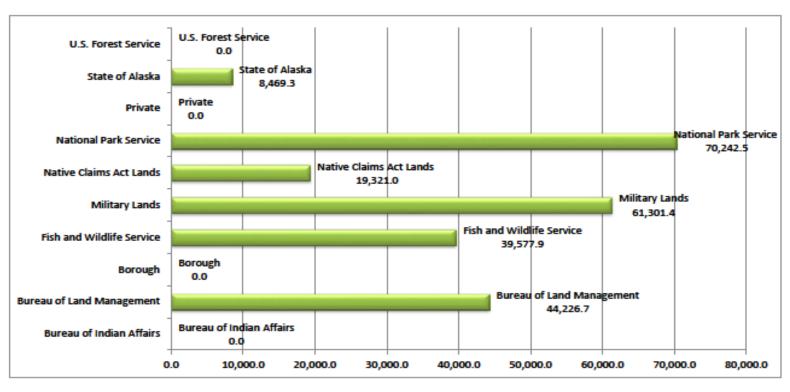


Landowner Acres

| Bureau of Indian Affairs | 0.0 |
|---------------------------|----------|
| Bureau of Land Management | 44,226.7 |
| Borough | 0.0 |
| Fish and Wildlife Service | 39,577.9 |
| Military Lands | 61,301.4 |
| Native Claims Act Lands | 19,321.0 |
| National Park Service | 70,242.5 |
| Private | 0.0 |
| State of Alaska | 8,469.3 |
| U.S. Forest Service | 0.0 |
| | |

2012 Statewide Acres Burned by Landowner in <u>Limited</u> Mangement Option

Total Acres Burned in Limited: 234,669.5



| | | 2012 Alask | ka Fire Serv | ice Protectio | on | | | | |
|--------------------|-----------------------|------------|--------------|---------------|-----------|-----------|--|--|--|
| | | Fires an | d Acres Bur | ned by Zone | 2 | | | | |
| | and Management Option | | | | | | | | |
| | | | | | | | | | |
| Zone | | Critical | Full | Modified | Limited | Total | | | |
| Galena | fires | 1 | 8 | 28 | 45 | 82 | | | |
| | acres | 1.0 | 245.3 | 13,887.4 | 115,347.1 | 129,480.8 | | | |
| | _ | | | | | | | | |
| Military | fires | 0 | 5 | О | 10 | 15 | | | |
| | acres | 0.0 | 1.6 | 0.0 | 61,301.4 | 61,303.0 | | | |
| T | C | | | | | | | | |
| Tanana | fires | 1 | 2 | 3.0 | 14 | 20 | | | |
| | acres | 2,642.1 | 4.5 | 466.1 | 45,865.2 | 48,977.9 | | | |
| Upper Yukon | fires | 1 | 3 | 2 | 11 | 17 | | | |
| оррег такон | acres | _ | 1.2 | 16.0 | | 20,526.4 | | | |
| | acres | 0.1 | 1,2 | 10.0 | 20,509.1 | 20,520.4 | | | |
| Total Fires | | 3 | 18 | 33 | 80 | 134 | | | |
| Total Acres Burned | | 2,643.2 | 252.6 | 14,369.5 | 243,022.8 | 260,288.1 | | | |



| 2012 U.S. Forest Service Fires and Acres Burned by Forest and Management Option | | | | | | | | | |
|---|-------|----------|------|----------|---------|-------|--|--|--|
| | | | | | | | | | |
| Forest | | Critical | Full | Modified | Limited | Total | | | |
| Chugach National Forest | fires | 2 | O | О | 0 | 2 | | | |
| | acres | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 | | | |
| | | | | | | | | | |
| Tongass National Forest | fires | 4 | 4 | 1 | 2 | 11 | | | |
| | acres | 0.7 | 0.4 | 0.1 | 0.2 | 1.4 | | | |
| | | | | | | | | | |
| Total Fires 6 4 1 2 13 | | | | | | | | | |
| Total Acres Burned | | 0.9 | 0.4 | 0.1 | 0.2 | 1.6 | | | |

2012 State of Alaska Protection Fires and Acres Burned by Region/Area and Management Option

| Area | | Critical | Full | Modified | Limited | Totals |
|--------------------|-------|----------|----------|----------|---------|-------------------|
| Northern Region | | | | | | |
| Copper River | fires | 15 | 4 | 1 | 1 | 21 |
| | acres | 2.1 | 3.3 | 0.1 | 22.0 | ² 7.5 |
| | | | | | | |
| Delta | fires | 30 | 8 | 1 | 1 | 40 |
| | acres | 31.7 | 135.1 | 65.0 | 3.5 | ² 35.3 |
| | | | | | | |
| Fairbanks | fires | 47 | 15 | 2 | 3 | 67 |
| | acres | 34.1 | 8,770.0 | 302.0 | 4.1 | 9,110.2 |
| | | | | | | |
| Tok | fires | 11 | 12 | О | 0 | 23 |
| | acres | 2.0 | 56.9 | 0.0 | 0.0 | 58.9 |
| | | | | | | |
| Southern Region | | | | | | |
| Anchorage-Matsu | fires | 63 | 6 | О | O | 69 |
| | acres | 102.9 | 1.2 | 0.0 | 0.0 | 104.1 |
| | | | | | | |
| Kenai-Kodiak | fires | 26 | 2 | О | 2 | 30 |
| | acres | 15.5 | 1.1 | 0.0 | 0.2 | 16.8 |
| | | | | | | |
| Southwest | fires | o | 14 | О | 4 | 18 |
| | acres | 0.0 | 16,814.3 | 0.0 | 231.0 | 17,045.3 |
| | | | | | | |
| Haines | fires | 1 | o | О | O | 1 |
| | acres | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 |
| | | | | | | |
| Total Fires | | 193 | 61 | 4 | 11 | 269 |
| Total Acres Burned | I | 188.4 | 25,781.9 | 367.1 | 260.8 | 26,598.2 |

| | | | 2012 BLM | | | | | | |
|-------------------------|-------------------------------------|----------|----------|----------|----------|----------|--|--|--|
| | Fires and Acres Burned by Landowner | | | | | | | | |
| | and Management Option | | | | | | | | |
| | | | | | | | | | |
| Administrative Office | <u> </u> | Critical | Full | Modified | Limited | Total | | | |
| Anchorage Field Office | fires | 1 | 3 | 0 | 1 | 2 | | | |
| | acres | 0.1 | 0.7 | 0.0 | 5.0 | 1.5 | | | |
| | | | | | | | | | |
| Glennallen Field Office | fires | О | О | O | O | o | | | |
| | acres | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | | | | | | | |
| Northern Field Office | fires | О | 1 | 16 | 17 | 34 | | | |
| | acres | 0.0 | 20.0 | 7,368.2 | 44,221.7 | 51,609.9 | | | |
| | | | | | | | | | |
| Total Fires | | 1 | 4 | 16 | 18 | 39 | | | |
| Total Acres Burned | | 0.1 | 20.7 | 7,368.2 | 44,226.7 | 51,615.7 | | | |

| | U.S. Fish and Wildlife Service Fires and Acres Burned by Refuge and Management Option 2012 | | | | | | | | |
|---------------|--|----------|----------|----------|--------------|---------------------------|--|--|--|
| | | | | | | | | | |
| <u>Refuge</u> | | Critical | Full | Modified | Limited | Total | | | |
| Arctic NWR | fires acres | 0,0 | 0.0 | 0.0 | 3 1,739.3 | 3 1, 7 39.3 | | | |
| Kenai | fires acres | 0 | 0 | 0 | 1 | 1 0.1 | | | |
| Koyukuk | fires | 0.0 | 0.0 | 4 | 7 | 11 | | | |
| | acres | 98.1 | 329.0 | 47.2 | 15,306.0 | 15,780.3 | | | |
| Nowitna | fires | 0 | О | 0 | 1 | 1 | | | |
| | acres | 0.0 | 0.0 | 0.0 | 22,366.1 | 22,366.1 | | | |
| Selawik | fires acres | 0 0.0 | 0 0.0 | 0.0 | 10 150.4 | 10 150.4 | | | |
| Yukon Delta | fires | | | | | | | | |
| i ukon Dena | acres | 0.0 | 0.0 | 0.0 | 1 16.0 | 1 16.0 | | | |
| Yukon Flats | fires | 0 | 1 | 1 | o | 2 | | | |
| | acres | 0.0 | 1.0 | 1.0 | 0.0 | 2.0 | | | |
| Tetlin | fires | О | 1 | O | О | 1 | | | |
| | acres | 0.0 | 3.0 | 0.0 | 0.0 | 3.0 | | | |
| Total Fires | | 0 | 2 | 5 | 23 | 30 | | | |
| Total Acres | | 98.1 | 333.0 | 48.2 | 39,577.9 | 40,057.2 | | | |

2012 National Park Service Fires and Acres Burned by Landowner and Management Option

| National Park / Prese | <u>erve</u> | Critical | Full | Modified | Limited | Total |
|-----------------------|-------------|----------|-------|----------|----------|----------|
| Denali | fires | О | О | О | 2 | 2 |
| | acres | 0.0 | 0.0 | 0.0 | 289.1 | 289.1 |
| Gates of the Arctic | fires | О | O | О | 2 | 2 |
| | acres | 0.0 | 0.0 | 0.0 | 607.9 | 607.9 |
| Kobuk Valley | fires | 0 | О | 4 | 1 | 5 |
| | acres | 0.0 | 0.0 | 6,464.6 | 134.8 | 6,599.4 |
| Noatak | fires | 0 | 1 | О | 7 | 8 |
| | acres | 0.0 | 113.7 | 0.0 | 59,504.9 | 59,618.6 |
| Wrangell St.Elias | fires | О | | 0 | 1 | 1 |
| | acres | 0.0 | 0.0 | 0.0 | 22.0 | 22.0 |
| | acres | | | | | 0.0 |
| Yukon Charlie | fires | O | О | O | 4 | 4 |
| | acres | 0.0 | 0.0 | 0.0 | 9,683.8 | 9,683.8 |
| Total Fires | | o | 1 | 4 | 17 | 22 |
| Total Acres Burned | | 0.0 | 113.7 | 6,464.6 | 70,242.5 | 76,820.8 |



2012 Wildfires by Cause

| Oduse | All Fires | | State | Protection: | AFS | Protection: | | SFS ection: |
|----------------|---------------|------------|---------------|---------------|---------------|-------------|-------|----------------|
| | # of Fires | # of Acres | # of Fires | # of Acres | # of Fires | # of Acres | Fires | # of Acres |
| Arson | | | | | | | | |
| Campfire | 59 | 183.2 | 47 | 181.7 | 1 | 0.1 | 11 | 1.4 |
| Children | 11 | 4.0 | 11 | 4.0 | | | | |
| Debris Burning | 68 | 2,695.9 | 66 | 53.7 | 2 | 2,642.2 | | |
| Equipment | 19 | 81.3 | 18 | 80.3 | 1 | 1.0 | | |
| Fireworks | 3 | 1.6 | 3 | 1.6 | | | | |
| Incendiary | 11 | 10,260.7 | 3 | 3.2 | 8 | 10,257.5 | | |
| Land Clear | 1 | 0.1 | 1 | 0.1 | | | | |
| Lightning | 143 | 253,047.8 | 34 | 9,574.4 | 109 | 243,473.4 | | |
| Misc/Other | 18 | 16,663.5 | 16 | 16,663.3 | | | 2 | 0.2 |
| Powerline | 40 | 15.0 | 38 | 13.7 | 2 | 1.3 | | |
| Railroad | 1 | 0.5 | 1 | 0.5 | | | | |
| Smoking | 2 | 0.2 | 2 | 0.2 | | | | |
| Structure Fire | 18 | 13.3 | 16 | 12.2 | 2 | 1.1 | | |
| Trash Burn | 1 | 0.5 | 1 | 0.5 | | | | |
| Undetermined | 21 | 3,920.3 | 12 | 8.8 | 9 | 3,911.5 | | |
| Vehicle | | | | | | | | |
| Totals | 416 | 286,887.9 | 269 | 26,598.2 | 134 | 260,288.1 | 13 | 1.6 |

| 2012 | Wildfires |
|-------|-----------|
| bv Si | ze Class |

| | A | All Fires |
|---------|-----|-----------|
| Class A | 206 | 21 |
| Class B | 118 | 219 |
| Class C | 41 | 1,398 |
| Class D | 15 | 2,419 |
| Class E | 10 | 5,135 |
| Class F | 14 | 41,361 |
| Class G | 12 | 236,336 |
| | | |
| Totals | 416 | 286,887.9 |

| Ī | | | | | | | |
|---|-----|---------------|-----|--------------|---|----|------|
| | Sta | te Protection | AF | S Protection | | ı | JSFS |
| | 179 | 18.6 | 15 | 1.2 | | 12 | 1.2 |
| | 70 | 122.3 | 47 | 96.2 | | 1 | 0.4 |
| Ī | 14 | 578.3 | 27 | 819.4 | | 0 | 0.0 |
| Ī | 3 | 491.0 | 12 | 1,927.9 | } | 0 | 0.0 |
| ľ | 1 | 300.0 | 9 | 4,834.7 | | 0 | 0.0 |
| ŀ | - | | _ | | | | |
| - | 0 | 0.0 | 14 | 41,361.0 | 1 | 0 | 0.0 |
| | 2 | 25,088.0 | 10 | 211,247.7 | } | 0 | 0.0 |
| | | | | | | | |
| | 269 | 26,598.2 | 134 | 260,288.1 | | 13 | 1.6 |

| | | hrs. worked | gross wages | hrs. worked | gross wages |
|----------------|---------|-------------|--------------|-------------|--------------|
| Allakaket | AFS TAD | | | 6,140.50 | \$119,332.30 |
| Anchorage | DOF MSS | 584.5 | \$25,790.43 | 101.00 | \$1,757.40 |
| Angoon | | | | | |
| Ambler | AFS GAD | | | 1,294.00 | \$24,458.02 |
| Anvik | | | | | |
| Arctic Village | AFS UYD | | | 2,814.00 | \$52,325.54 |
| Beaver | AFS UYD | | | 56.00 | \$26,223.84 |
| Bethel | | | | 122.00 | \$1908.08 |
| Bettles | | | | | |
| Buckland | AFS GAD | | | 1,570.50 | \$27,789.30 |
| Central | AFS UYD | | | 14.00 | \$268.80 |
| Chalkyitsik | AFS UYD | | | 190.50 | \$10,424.36 |
| Chevak | DOF SWS | 3508.0 | \$63,777.67 | | |
| Chickaloon | AFS | | | | |
| Circle | AFS UYD | | | 594.00 | \$18,197.84 |
| Chugiak | DOF | | | | |
| Copper River | DOF CRS | 8,013.0 | \$199,895.34 | | |
| Deering | | | | | |
| Delta | DOF DAS | 9,620.0 | \$240,843.04 | | |
| Denali Park | AFS | | | | |
| Elim | | | | | |
| Ester | AFS | | | 646.75 | \$15,432.00 |
| Eagle River | | | | 832.50 | \$14,485.50 |
| Eagle | AFS UYD | | | | |
| Fairbanks | DOF FAS | 31,655.0 | \$963,814.86 | 7,819.25 | \$178,756.22 |
| Ft. Wainwright | | | | | |
| Fort Yukon | AFS UYD | | | 6,543.00 | \$150,645.12 |
| Gakona | | | | | |
| Galena | AFS GAD | | | 4,871.00 | \$95,439.91 |
| Girdwood | | | | | |
| Glennallen | | | | | |
| Grayling | AFS GAD | | | 148.00 | \$52,168.66 |
| Gustavus | | | | | |
| Healy | | | | 361.50 | \$7,605.96 |
| Holy Cross | AFS GAD | | | 160.50 | \$42,458.58 |
| Homer | DOF KKS | | | | |
| Hooper Bay | DOF SWS | | | | |
| Hughes | AFS TAD | | | 1,952.50 | \$35,783.26 |
| Huslia | AFS GAD | | | 6,467.00 | \$124,442.12 |
| Iliamna | | | | | |
| Juneau | | | | | |
| Kalskag, Lower | DOF SWS | 3,651.5 | \$97,150.27 | | |
| Kalskag, Upper | DOF SWS | 2,983.5 | \$55,259.98 | | |
| Kaltag | AFS GAD | | | 1,453.00 | \$133,159.68 |
| Kasilof | | | | | |
| Kenai | DOF KKS | 8,107.5 | \$218,802.68 | | |
| Kiana | AFS GAD | | | | |
| Kotzebue | | | | | |
| Koyuk | AFS GAD | | | 2,134.00 | \$38,550.10 |
| Koyukuk | AFS GAD | | | 4,478.50 | \$81,039.42 |

| 2012 EFF W | AGES | hrs. worked | gross wages | hrs. worked | gross wages |
|-----------------|--------------------------|------------------------------|----------------------|-------------|----------------|
| Manley Hot | | | | | |
| Springs | | | | 101.00 | \$1,757.40 |
| Marshall | AFS GAD | | | 2,518.00 | \$60,375.36 |
| McGrath | DOF SWS | 8,354.0 | \$240,219.26 | | |
| Mentasta | DOF TAS | | | | |
| Metlakatla | | | | 26.00 | \$452.40 |
| Minto | AFS TAD | | | 3,580.50 | \$71,605.86 |
| Mt. Mckinley | | | | | |
| Mt. Village | AFS GAD | | | 2,274.50 | \$53,132.10 |
| Nenana | DOF FAS | | | | |
| Nikolai | DOF SWS | 1,331.0 | \$27,411.21 | | |
| Noatak | | | | | |
| Nondalton | DOF SWS | 3,913.0 | \$81,651.31 | | |
| Nome | | | · | | |
| Noorvik | AFS GAD | | | 4,938.50 | \$92,517.90 |
| Northway | DOF TAS | | | Ź | |
| Nulato | AFS GAD | | | 7,179.25 | \$160,108.13 |
| North Pole | | | | 1,283.50 | \$38,685.22 |
| Palmer | DOF MSS | 11,251.0 | \$418,233.20 | 2,200.00 | +, |
| Pilot Station | AFS GAD | , | + 1 - 3, - 2 - 2 - 3 | 1,277.00 | \$69,190.92 |
| Ruby | AFS GAD | | | 4,557.50 | \$87,791.34 |
| St. Mary's | AFS GAD | | | 207.00 | \$49,889.10 |
| St. Michael | AFS GAD | | | 396.50 | \$49,230.84 |
| Scammon Bay | DOF SWS | 2,180.0 | \$55,632.88 | 370.30 | ψτ2,230.0τ |
| Selawik | AFS GAD | 2,100.0 | ψ33,032.00 | 12,269.50 | \$225,621.70 |
| Seward | AISOAD | | | 12,209.30 | \$223,021.70 |
| Shageluk | DOF SWS | 1,948.5 | \$50,545.86 | 16.00 | \$19,923.00 |
| Shaktoolik | AFS GAD | 1,946.3 | \$30,343.60 | 10.00 | \$19,923.00 |
| Sleetmute | DOF SWS | | | | |
| Shishmaref | DOFSWS | | | | |
| | AECCAD | | | 142.50 | ¢2 406 00 |
| Shungnak | AFS GAD | | | 143.50 | \$2,496.90 |
| Sitka | AEG CAD | | | 912.50 | \$25,626.80 |
| Stebbins | AFS GAD | | | 3,154.50 | \$121,674.06 |
| Sterling | A FIG YIVID | | | | # |
| Stevens Village | AFS UYD | | | | \$6,081.00 |
| Talkeetna | | | | | |
| Tanacross | DOF TAS | | | | |
| Tanana | AFS TAD | | | 2,583.50 | \$57,753.72 |
| Tetlin | DOF TAS | | | | |
| Tok | DOF TAS | 16,468.5 | \$473,336.16 | | |
| Two Rivers | | | | | |
| Valdez | | | | | |
| Venetie | AFS UYD | | | 5,844.75 | \$197,336.32 |
| Wasilla | | | | | |
| Subtotal: | | 113,569.00 | \$3,212,364.15 | 129,141.00 | \$2,654,774.98 |
| Totals | Hrs worked: Total Wages: | 242,701.00 \$5,867,139.13 | | | |

Total Wages: \$5,867,139.13

These figures include all emergency hire wages for the year 2012. Individual as well as crew wages shown are payments made to zip codes. Designated Crews are shown by designator.



Photograph's courtesy of Don York, Nan Floyd, Matt Snyder (Bear Creek #4 photos), Tom Dean (Snake River photos), Rod Combellick (Dry Creek photos), Mike Reggear (Delta blowdown photos), DOF, AFS and IMT.

Statistic Information provided by the Predictive Services Unit - Alaska Interagency Coordination Center and the Alaska Climate Research Center

