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2021 Annual Report



The Clearwater Timber Protective Association and the Potlatch Timber Protective Association were separately organized in the early 1900's. In 1966, these two entities merged to form the Clearwater-Potlatch Timber Protective Association, a non-corporate entity. Subsequently, on July 16, 1982, the Association completed filings for incorporation under the Idaho Nonprofit Corporation Act and became the Clearwater-Potlatch Timber Protective Association, Inc. (C-PTPA).

The mission of the C-PTPA is to provide safe, aggressive, effective wildland fire suppression on almost one million acres of Idaho's private, state, and federally owned lands.

The Association is controlled by forest landowners belonging to its membership and subject to the provisions of the Idaho Forestry Act. The Association is primarily responsible for the conservation and protection of the forests and forestland within the State of Idaho; specifically, the Palouse, Potlatch and North Fork of the Clearwater River drainages.

The C-PTPA maintains an administrative complex in Orofino and three satellite fire camps strategically located in our protection area. In an effort to keep unwanted fires as small as possible, four separate facilities are maintained to reduce arrival time on fires.

C-PTPA Official Directory

OFFICERS

Rich McMillan, President
Greg Danly, Vice President
Kane Steinbruecker*, Secretary-Treasurer
Kane Steinbruecker*, Chief Fire Warden
Kimberly S-Browning, Assistant Secretary-Treasurer

DIRECTORS

Rich McMillan	PotlatchDeltic Corporation
Mike Reggear	Idaho Forest Group
Jason Svancara**	State of Idaho
M. John Larson	M. John Larson Logging
Greg Danly	Empire Lumber Company
Paul Larsen	Small Landowner Representative

FIRE COMMITTEE

Directors serve as Fire Committee

LEGISLATIVE COMMITTEE

** Jason Svancara, State of Idaho

AUDIT COMMITTEE

Greg Danly, Chairman
Board of Directors serve as Committee

*Kane Steinbruecker replaced Len Young as Chief Fire Warden

** Jason Svancara replaced Eric Besaw as the State of Idaho representative on the Board of Directors

Report of the Chief Fire Warden

Orofino, Idaho, December 31st 2021

Officers, Members, and Directors:

CLEARWATER – POTLATCH TIMBER PROTECTIVE ASSOCIATION, INC.

I respectfully submit the annual report for the Clearwater-Potlatch Timber Protective Association, period January 1st 2021 to December 31st 2021 and fiscal year period July 1st 2020 to June 30th 2021, all dates inclusive.

FIRE SEASON

The fire season of 2021 was, without a doubt, a season of conditions as severe as any this Association has ever experienced, with moderate to severe drought conditions encompassing the entirety of the nearly one million acres we protect. Record high temperatures, burn indices, and energy release components combined with record low 100 and 1,000 hour fuel moisture levels created conditions favoring a high probability of ignition, rapid fire growth, and extreme fire behavior. Our fire season spanned over six full months with the first fire reported on April 18th and the concluding fire reported October 20th. The long duration and severe conditions heavily taxed the local and national resource pools which had already been significantly depleted. Fire restrictions, both stage 1 and 2, were implemented, burn permits suspended, and campfires were banned. Despite these preventative measures, on the morning of July 7th the fire season reached a long, shuddering crescendo as two dry lightning storms, both more formidable than any I can recall in my 24 years of service to this Association, passed consecutively over the North Fork of the Clearwater River basin. This weather event sparked a storm of fires covering multiple jurisdiction and protection responsibilities on a landscape where hazardous fuels mitigation has been declining. A large-scale suppression effort, thanks largely to timber industry contractors, was organized to safely and aggressively contain and extinguish the fires; many of which, left unsuppressed, surely would have inflicted losses to the local environment, resources, and economy reminiscent of the “Big Burn” of 1910.

The Association experienced a total of 76 fires in the 2021 season, of which, 52 were naturally occurring fires due to lightning storms. 24 of the fires were attributed to the hand of man in one fashion or another. Of these 24 human caused fires, the highest contributing factor was equipment and vehicle use which accounted for a total of 7 (32% of human caused) fires. This is a trend that should continue to be closely tracked moving forward. Following closely behind is the category of unattended or abandoned camp and recreational warming fires. This negligent cause, as old as the Association itself, contributed 6 fires to the season total. Only through greater public awareness and better developed campsite maintenance, can these fires be prevented. Incendiarism can be blamed for 5 fires within our protection this season and has been a trend of concern for quite some time. The Canada Hill Fire is one such example. With over 70 homes directly threatened by the fast-moving fire, a total of 23 aircraft, 2 hand crews, and a contingent of Association and municipal fire engines stopped the progression of the 18 acre fire in less than 6 hours and achieved full containment in just over 24. The party suspected of igniting this arson fire however, was not prosecuted criminally. According to the Orofino Police Department, lack of evidence was cited as the reasoning. Escaped debris burns still remain a cause for early and late season fires ranking just ahead of fireworks, starting 3 and 1 fires respectively.

2021 Fire Season

Area	Fires	Acres
Boehls	9	2,895.65
Elk River	15	1,436.45
Headquarters	30	5,490.05
Orofino	22	45.53
Total	76	9,867.68

Cause	Fires	Acres
Human	24	202.06
Natural	52	9,665.62
Total	76	9,867.68

First Fire - April 18
Last Fire - October 20

Report of the Chief Fire Warden

FIRE SEASON (Continued)

Other fires of note for the season of 2021 were the Johnson Creek Fire and the Cougar Rock Complex. The Johnson Creek Fire remained solely within the Elk River protection area and grew to a size of 1,349 acres. Due to a nationwide shortage of resources, this fire was managed and suppressed utilizing an ad hoc type three incident management structure comprised of federal, state, and Association resources. The Cougar Rock Complex, at one time, included 17 individual fires spanning the protection boundaries of the Association and the United States Forest Service. The complex covered more than 8,000 total acres and was ultimately managed at different times by 2 Type Two Incident Management Teams and 2 Type Three Incident Management Teams.

Availability and the use of our local industrial forest contractors and cooperators proved to be an important key and a valuable resource in the suppression of these fires. Through good relationships, training and implementation of Lookouts, Communication, Escape Routes, and Safety Zones, all 76 fires were fully suppressed with no serious injuries.

Area	Fires	Acres	Total Cost	Cost Per Acre	Cost Per Fire
Boehls	9	2,895.65	\$127,602.74	\$44.07	\$14,178.08
Elk River	15	1,436.45	\$233,533.14	\$162.58	\$15,568.88
Headquarters	30	5,490.05	\$333,910.18	\$60.82	\$11,130.34
Orofino	22	45.53	\$177,669.36	\$3,902.25	\$8,075.88
Total	76	9,867.68	\$872,715.42	\$88.44	\$11,483.10

Area	Mutual Aid Responses	False Alarm Responses	Total Responses
Boehls	0	0	0
Elk River	0	5	5
Headquarters	0	2	2
Orofino	9	18	27
Total	9	25	34

Acres Burned	Land Owner	Fires
15.2% 1,499.83	Private	31 40.8%
70.8% 6,987.01	State	29 38.2%
0.3% 25.84	Tribal	8 10.5%
13.7% 1355.00	USFS	8 10.5%
100.0% 9,867.68	TOTAL	76 100.0%

Standards Of Protection

1. No more than 24 person caused fires
C-PTPA 2021 - 24 fires
100% of allowable standard
2. 97% of all fires suppressed
at 10 acres or less
C-PTPA 2021 - 11 fires
11% over the allowable standard
3. No more than 380 acres burned
C-PTPA 2021 - 9,867.68 acres
2,596.76% of allowable standard

Report of the Chief Fire Warden

IMPROVEMENTS

The greatest facilities improvement to note in 2021 was the commencement of construction of the Elk River Foreman's cabin which will replace the original building that was lost to a structure fire in May of 2020. Work continues as weather allows, but the foundation, floor, exterior walls, loft, ridge, and a number of rafters are currently in place. All work has been accomplished by Association employees.

Materials were purchased to replace the underground power line that currently services the C-PTPA and Idaho Department of Lands remote Boehls Camp facilities at Four Mile Saddle. The current line was put into service in the summer of 1986 and after 31 years, is beginning to fail on a regular basis. Installation of the new underground transmission line, transformers, and junction boxes is currently planned for early summer in 2022.

Improvements to the Association's fleet were also made in 2021 with the purchase of 3 new all-terrain vehicles (ATV's) and 1 new utility terrain vehicle (UTV). These units will replace vehicles that have reached the end of their scheduled service life. The equipment that is being replaced will be sold on the open market in the spring of 2022 to help offset the cost of their replacement.

A grant in the amount of \$10,000 was applied for and awarded to the Association for the purchase of 14 automatic electronic defibrillators (AED). The total cost was \$14,218 with the Association paying \$4,218 of the total. These AEDs were distributed to all Association areas and are located in offices, fire engines, and some warden vehicles. These units will drastically improve treatment response time in the event of a cardiac event. Association camps and personnel have historically been the first point of contact for those experiencing an emergency in the backcountry. This will improve the safety of our employees and the ancillary service we provide to private industrial contractors and those who choose to recreate on the lands we protect.

Elk River Foreman Cabin May 2020



Elk River Foreman Cabin Build November 2021



Report of the Chief Fire Warden

DISPATCH

After much consideration over the last 2 years, it was decided to cease utilization of our local dispatch office in Orofino. Instead, an offer from Idaho Department of Lands was accepted to join as a member of the Grangeville Interagency Dispatch Center and a member of the zone interagency dispatch center's Board of Directors. This is a service that will be provided at no additional cost and should streamline fire reporting and requests for additional resources. This transition process was not without difficulties along the way. There were missed radio calls, missing information in fire reports, and in some cases, delays in getting aircraft dispatched to fires. We have been working to develop protocols that will address and remedy these deficiencies including procedures for relaying missed radio calls, entering fire information and reporting, and an initial attack aircraft dispatch system. A meeting is planned with dispatch center staff in late winter to implement these protocols and continue developing our relationship, working toward a true interagency cooperative effort. The first year of this partnership was not without its benefits. The rerouting of 21 aircraft from other fires throughout Idaho to the initial attack of the Canada Hill Fire, in July, was a shining example of the service available to this Association through interagency partnership. Working closely with dispatch center staff and other area fire managers within the interagency zone also allowed for an effective information and resource sharing environment which helped to make informed decisions about fire suppression strategy.

ORGANIZATION, TRAINING, and PERSONNEL

The Association, historically, has had a high-rate of labor turn-over with the seasonal workforce. This year, however, the early and unexpected retirement of the Chief Fire Warden and Boehls Deputy Area Fire Warden contributed to that high-rate. With the promotion of the Boehls Area Fire Warden, two unfilled positions remained for the duration of 2021. The Elk River Deputy Area Fire Warden was temporarily assigned to Boehls as the Acting Area Fire Warden for the 2021 field season. This solution, though not ideal, was critical to the success of our mission.

Given these high-rates of labor turn-over, training is a critical component to the success of the Association's mission and the safety of those it employs. The principle training is the annual guard school which provides National Wildfire Coordinating Group developed courses for the entry-level wildland firefighter. These courses provide the basic knowledge of fireline safety, effects of weather on fire, wildland fire behavior, and the Incident Command System as well as radio use, navigation, and hand-tool and fire shelter use.

In an effort to reduce labor turn-over rates the Association raised its seasonal firefighter pay rates from \$11.41 hourly to \$12.55 hourly. This ensures the Association pay is competitive with the Idaho Department of Lands. A fiscal analysis is currently taking place to facilitate development of a budget that allows this rate to be increased to \$15.00 hourly in 2022.

Training was also provided to cooperating industrial contractors who assisted in the suppression effort of the many fires this season. RT-130 courses, designed to provide annual refresher training to qualified firefighters, were conducted on short notice by Fire Wardens and volunteers from other cooperating agencies to provide the necessary training for emergency equipment operators. During the time this training was being provided, it was identified that there is a need for preseason industrial contractor training of emergency equipment operators. This need was communicated to the Idaho Department of Lands, the Associated Logging Contractors of Idaho, and representatives from Idaho's commercial timber industry to facilitate an update and reinstatement of this program.

Report of the Chief Fire Warden

FIRE PREVENTION

The prevention of wildland fire is primarily accomplished through a network of signboards containing information about fire danger, responsibility, and rules and requirements for the forest traveler or recreationist during closed fire season. Road closures and limited access to areas of high fire danger are also very effective methods used regularly by landowners. As timber harvest increases, so do the number of industrial contractors and occasion of accidental ignitions of forest fires due to some facet of their operations. A robust program of industrial operation inspections by Area Fire Wardens, their deputies and assistants, and solid knowledge of IDAPA 20.04.01, RULES PERTAINING TO FOREST FIRE PROTECTION, has also been critical in stopping fires before they start. Of course, there is no replacement for boots on the ground, spending time patrolling our almost 1,000,000 acres. Shaking hands and educating those who choose to spend time recreating or working in the vastness of North Idaho's forests has always seemed to be one of the most valuable and well received methods for preventing human caused forest fires.

AIRCRAFT

The 2021 fire season saw a significant amount of aircraft usage. Both fixed-wing and rotor-wing platforms were utilized for fire detection, training, crew transport, and direct action in the suppression of forest fires. Association owned fixed-wing aircraft were busier than normal, flying a total of 130.7 hours. Of that, 120.3 hours were flown by the Association's Cessna 185 Skywagon. This aircraft performed well but surpassed its engines recommended usable lifespan by 36 hours. Because this aircraft routinely operates in mountainous backcountry terrain where safe emergency landings are rarely possible, the decision to overhaul the engine was made. At the conclusion of fire season, the aircraft was ferried to Lewiston, Idaho where the engine was removed and shipped to Western Skyways Inc. in Montrose, Colorado for a complete overhaul. It is expected to be completed and returned to Orofino and ready for service prior to the start of the 2022 fire season. The balance of the fixed wing aircraft hours, 10.4, were put on the Association's Piper Super Cub. This aircraft has proven once again, a worthy and effective backup for the Association's fixed-wing aircraft program.

Also, during the 2021 fire season, the Association once again negotiated a contract with Hillcrest Aircraft Company of Lewiston, Idaho to secure the exclusive use of a Bell 206 L3 Type 3 helicopter during the 89 day agreement period (July - September). This aircraft, per the contract, was available for crew transport, sling operations, reconnaissance, and water bucket drops within 10 minutes of notice during its 9 hour standby day. The contract guaranteed 110 flight hours with additional hours of use available to purchase at the original hourly rate set forth by the agreement. A total of 140.3 hours were flown with 123.6 attributed to fire suppression, dropping over 107,000 gallons of water. 10.6 hours were flown for the purpose of training and reconnaissance and 6.1 hours were flown for outside jobs and billable to the responsible party. Our agreement with the vendor also allowed for the use of their other aircraft, when available, on a call when needed (CWN) basis. This option was exercised in July and August when an additional helicopter, a Bell 407 Eagle HP, was utilized for a total of 54 hours. It conducted direct fire suppression by dropping almost 67,000 gallons of water on Association fires. These aircraft continue to be one of the quickest and most effective tools at our disposal for the detection and safe, rapid, aggressive suppression of forest fires.

Anshka Face Fire



Report of the Chief Fire Warden

DWORSHAK PROJECT

At the time of its completion in 1973, the Dworshak Dam forever changed the face, access, and ecosystem of the lower North Fork of the Clearwater River drainage and its tributaries. The development of this dam and the 54 mile long reservoir it retains reduced the risk of downstream flooding, created inexpensive and clean energy generation, and created countless opportunities for recreation. Unfortunately, it also severely limited access to the heart of the Association's protection area and with the dedication of, originally, 88 (currently 85), approved campsites along its shores available for year-round recreation, greatly increased the risk of forest fire to the Dworshak project area and its federal, state, and private neighboring landowners. As such, a contract was negotiated between the U.S. Army Corps of Engineers and the Association to provide additional resource availability, fire detection patrols, and an elevated assessment for forest fire protection. The current 5 year agreement outlines services for the summers of 2019 through 2023 and is set to expire May 31st, 2024. This contract provides funding for helicopter availability, daily fire boat patrols, and general forest fire protection. Other contractual options include hand fire line construction, additional helicopter availability, and prescribed fire. These options are available to exercise when agreed upon by the Association and the U.S. Army C.O.E. An additional air patrol and services for approved campsite fuels maintenance included in previous contracts were not included in the current contract at the time of its negotiation in 2018. I believe these additional prevention measures are necessary to help mitigate the risk created when access was removed and such an abundance of recreational opportunities were created. I believe that inclusion of these items should be strongly lobbied for at the time of this contract's next negotiation. The lack of forest fuels reduction, fire pit and control line maintenance, and hazard tree removal at these approved campsites that are surrounded by the 29,000+ acres of, largely, unmanaged U.S. Army C.O.E. owned land is becoming an ever-greater risk to our firefighters and the federal, state, and private landowners who neighbor it.



Report of the Chief Fire Warden

RECOMMENDATIONS

In conclusion, it is my recommendation moving forward into the fire season of 2022 that the Association pursue the following in earnest:

Continue the support and assistance in development of a suitable safety training program that adequately trains industrial contractors to safely engage and assist in the suppression of forest fires in an emergency situation.

Develop a pay rate scale that will remain competitive with the Idaho Department of Lands. Project anticipated additional payroll costs associated with such an increase. Identify within the budget how such an increase will be funded over the next 10 years.

Begin efforts to lobby for re-inclusion of detection air patrols and annual approved campsite maintenance in the U.S. Army C.O.E. contract. This will better protect the timber resource values and neighboring landowners as well as the many homes that are continually being constructed near the Dworshak project area.

In closing, I would like to offer my sincerest thanks and recognize the credit due to our interagency cooperators, private industrial contractors, and the dedicated staff of this fine Association. Through their hard work and sacrifice we were able to safely keep the loss from such a devastating season to less than 10,000 acres. I feel this feat would have been nearly impossible had it not been for the experience and relationships developed over 117 years of safe, aggressive, initial attack fire suppression.

It is my honor to serve at the pleasure of the Board of Directors as the Chief Fire Warden of the Clearwater-Potlatch Timber Protective Association and to present the annual report of our 117th consecutive year.

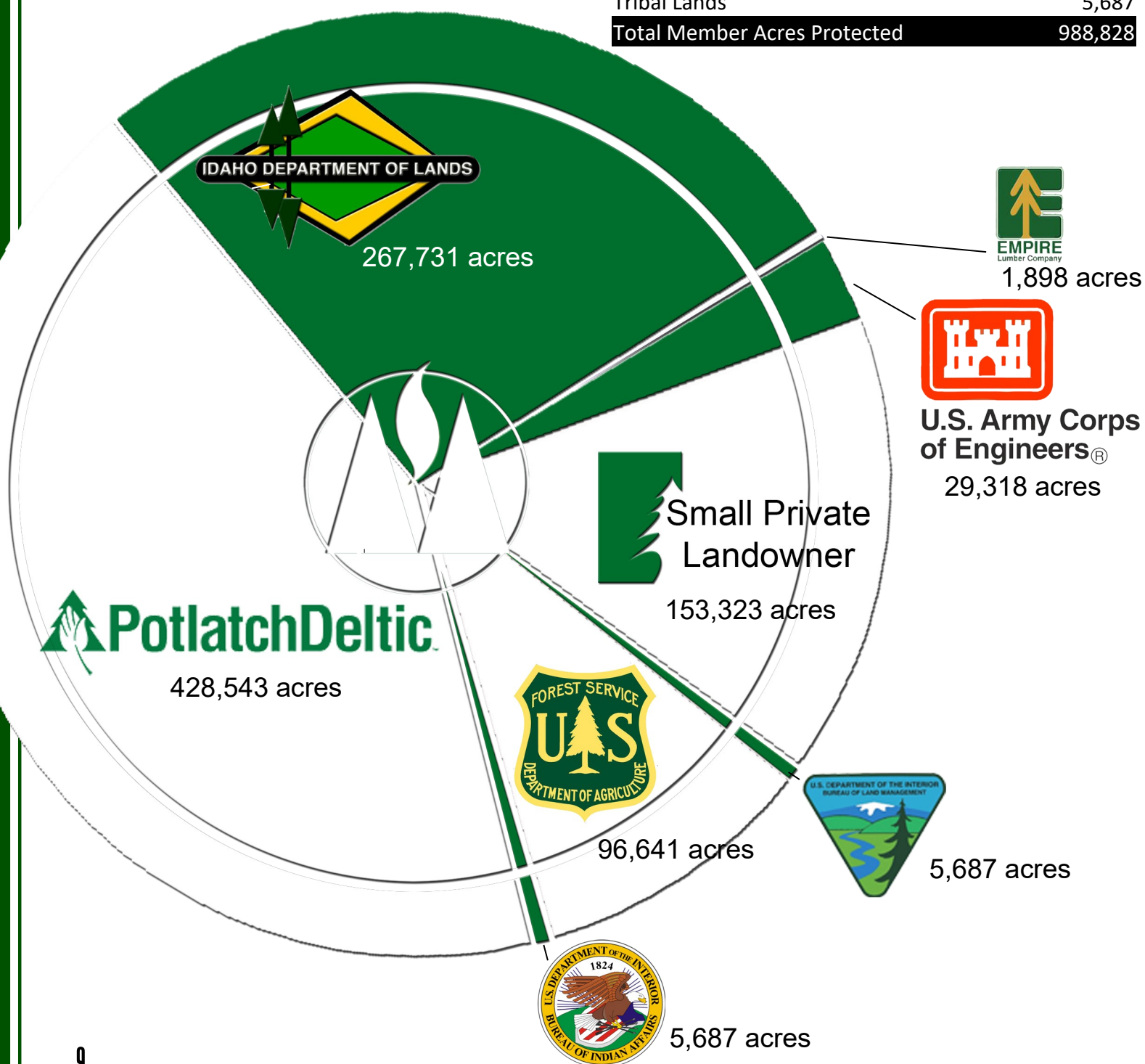
M. Kane Steinbruecker
Chief Fire Warden



Black Rifle Coffee Company generously donated 2 pallets of coffee to aid firefighters during the 2021 season.

Landowners and Acres Protected

Landowner	Acres Protected
PotlatchDeltic Corporation	428,543
State of Idaho – Department of Lands	267,731
Empire Lumber Co.	1,898
Corps of Engineers	29,318
Small Private Landowner	153,323
U. S. Forest Service	96,641
B.L.M. Lands	5,687
Tribal Lands	5,687
Total Member Acres Protected	988,828



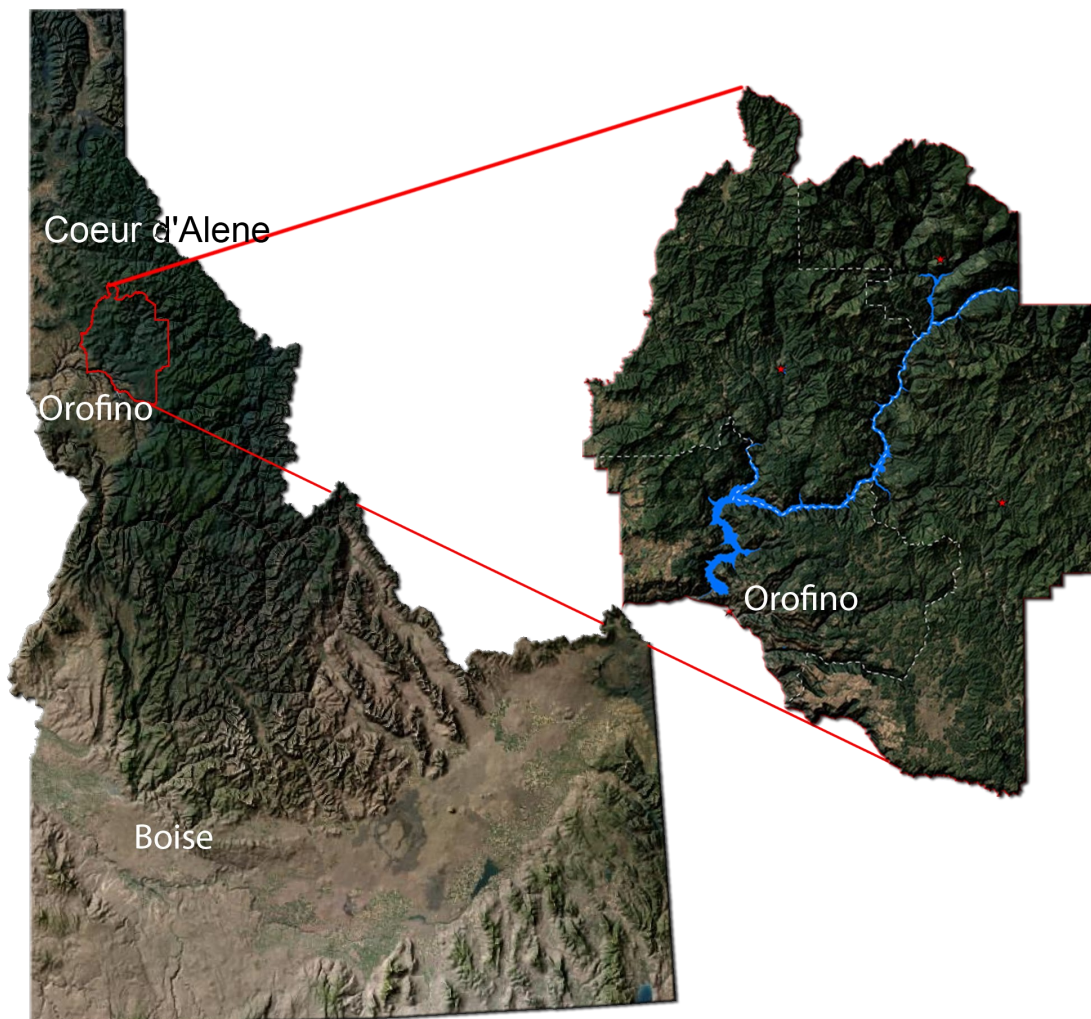
Acreage and Assessment of Members

7/1/2020 to 6/30/2021

Member	Acreage	\$.60 Assessment
Empire Lumber Company	1,898	\$1,138.80
PotlatchDeltic Corporation	428,543	\$257,125.80
State of Idaho	267,731	\$160,638.60
Federal Agencies	102,328	\$61,396.80
*Corps of Engineers	29,318	\$48,374.70
**Small Private Landowners	153,323	\$166,927.22
1st. Assessment Levied 7/1/2019	983,141	\$695,601.92

*The Corps of Engineers pays their land assessment directly to the Association based on actual per acre cost.

**Small Private Landowners are assessed \$.60 per acre of timber, plus \$40 per structure. This money is collected by the State of Idaho and remitted to the Association



Balance Sheet - June 30, 2021

Assets

Current Assets:

Cash and cash equivalents	\$1,279,195
Accounts Receivable	\$134,212
Unbilled Work in Process	\$11,037
Inventory	\$119,578
Prepaid Expenses	\$47,167

Total Current Assets	<u>\$1,591,189</u>
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Property and Equipment:

Property and Equipment	\$3,853,044
Less Accumulated Depreciation	<u>-\$2,950,090</u>

Net Property and Equipment	<u>\$902,954</u>
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Other Asset:

Cash With Donor Restrictions	<u>\$67,229</u>
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Total Other Asset	<u>\$67,229</u>
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Total Assets

<u>\$2,561,372</u>

Liabilities

Current Liabilities:

Accounts Payable	\$5,327
Accrued Payroll	\$46,005
Payroll Taxes Payable	\$15,423
Accrued Vacation	\$50,282
Retiree Insurance	\$69,638
Other Current Liabilities	<u>\$17,535</u>

Total Current Liabilities	<u>\$204,210</u>
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Total Liabilities

<u>\$204,210</u>

Net Assets:

With Donor Restrictions	\$67,229
Without Donor Restrictions	<u>\$2,289,933</u>

Total Net Assets	<u>\$2,357,162</u>
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Total Liabilities and Net Assets

<u>\$2,561,372</u>

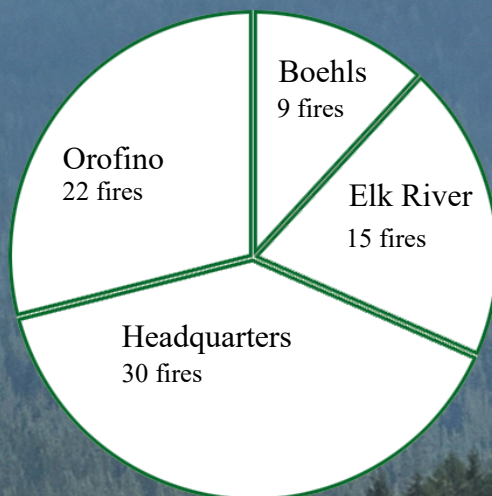
2021 Fires

Incident Name	Area	Fire #	Area	Latitude	Longitude	Landowner	Acres	Date	Fire Cause General	Estimated Cost	IC Name
Musselshell	HQ	000144	HQ	46.3771	-115.9095	Private	11.00	4/18/2021	Debris/Open Burning	\$ 6,600.00	Steinbruecker, Kane
Greer Grade MM5	OR	000145	OR	46.3927	-116.1595	Tribal	0.44	4/4/2021	Other Human Cause	\$ 1,100.00	Hull, Isaac
Deep Creek	ER	000146	ER	46.7356	-116.1537	State	0.20	4/20/2021	Other Human Cause	\$ 4,200.00	Bartlett, Chris
Whiskey Creek	OR	000153	OR	46.5184	-116.1741	Private	6.00	5/6/2021	Other Human Cause	\$ 70,400.00	Hull, Isaac
Fidler South	HQ	000156	HQ	46.3504	-115.9627	State	0.10	5/8/2021	Undetermined	\$ 6,000.00	Alexander, Dillon
Ahsahka Railine	OR	000190	OR	46.5010	-116.3187	Tribal	0.10	5/26/2021	Other Human Cause	\$ 200.00	Eck, Cameron
Flat Creek	HQ	000195	HQ	46.4681	-115.8407	Private	0.10	6/1/2021	Camping	\$ 2,000.00	Anderson, Shane
Dent	OR	000200	OR	46.5435	-116.2024	State	1.00	6/2/2021	Debris/Open Burning	\$ 4,000.00	Eck, Cameron
Green Fir	ER	000204	ER	46.7037	-116.3075	State	0.10	6/4/2021	Lightning	\$ 4,000.00	Brudie, Jeremy
Breakfast Creek	BC	000212	BC	46.8706	-116.0476	Private	0.15	6/5/2021	Lightning	\$ 4,000.00	Bartlett, Chris
Elk River Campsite 1	ER	000225	ER	46.7924	-116.1753	USFS	0.10	6/8/2021	Camping	\$ 2,000.00	Brudie, Jeremy
Fords	OR	000250	OR	46.4703	-116.2490	Tribal	2.00	6/15/2021	Fireworks	\$ 14,000.00	Hull, Isaac
Round Meadows	ER	000361	ER	46.7750	-116.3214	USFS	0.10	7/1/2021	Lightning	\$ 6,000.00	Brudie, Jeremy
Pete & Charlie West	HQ	000387	HQ	46.2851	-115.8455	State	0.25	7/1/2021	Lightning	\$ 6,000.00	Alexander, Dillon
Boulder Ridge	ER	000408	ER	46.7872	-116.4231	USFS	0.50	7/2/2021	Lightning	\$ 28,000.00	Welter, Robin
State Line	OR	000409	OR	46.4663	-115.9323	State	1.51	7/2/2021	Lightning	\$ 8,500.00	Hull, Isaac
F 02	OR	000412	OR	46.4548	-115.9579	Private	0.90	7/2/2021	Lightning	\$ 8,500.00	Hull, Isaac
Pete & Charlie 2	HQ	000430	HQ	46.2854	-115.8392	State	0.75	7/3/2021	Lightning	\$ 18,000.00	Alexander, Dillon
Teakean	OR	000436	OR	46.5781	-116.4041	Private	5.00	7/4/2021	Equipment	\$ 5,200.00	Hull, Isaac
Ahsahka Face	OR	000468	OR	46.5024	-116.2971	Tribal	0.10	7/7/2021	Lightning	\$ 2,000.00	Hull, Isaac
Armstrong	HQ	000474	HQ	46.7602	-115.8870	Private	20.00	7/7/2021	Lightning	\$ 64,000.00	Brandt, Josh
Butte Creek	HQ	000485	HQ	46.8412	-115.7333	Private	1,349.00	7/7/2021	Lightning	\$ 4,000,000.00	Winfield, Jay
Gold Creek	ER	000506	ER	46.7725	-115.9883	Private	0.25	7/7/2021	Lightning	\$ 18,000.00	Brudie, Jeremy
Boathouse	ER	000511	ER	46.7479	-115.9940	State	0.30	7/7/2021	Lightning	\$ 12,000.00	Brudie, Jeremy
Scott	BC	000533	BC	46.9332	-115.9425	State	2,048.00	7/7/2021	Lightning	\$ 7,301.72	Gregory, David
Merry Mix 1	BC	000543	BC	46.9468	-115.9486	USFS	0.10	7/7/2021	Lightning	\$ 8,500.00	Bartlett, Chris
Johnson Creek	ER	000550	ER	46.8556	-116.1683	USFS	1,349.00	7/7/2021	Lightning	\$ 100,000.00	Brudie, Jeremy
Silver Butte	HQ	000553	HQ	46.7143	-115.8025	State	0.30	7/7/2021	Lightning	\$ 6,200.00	Bonk, Scott
Lightning Point	HQ	000560	HQ	46.7377	-115.9182	Private	3.00	7/7/2021	Lightning	\$ 18,000.00	Brandt, Josh
Jims Knob	ER	000565	ER	46.8191	-116.0994	Private	0.10	7/7/2021	Lightning	\$ 43,000.00	Brudie, Jeremy
Trapper Saddle	HQ	000570	HQ	46.9416	-115.9816	USFS	2.10	7/7/2021	Lightning	\$ 14,000.00	Bartlett, Chris
Evans Creek North	HQ	000573	HQ	46.7037	-115.9838	State	0.10	7/7/2021	Lightning	\$ 5,200.00	Caferty, Jake
Benton Nob	HQ	000575	HQ	46.8413	-115.7746	Private	0.10	7/7/2021	Lightning	\$ 52,000.00	Alexander, Dillon
Hobbit 1	BC	000579	BC	46.9833	-115.8745	State	28.00	7/8/2021	Lightning	\$ 47,000.00	Bartlett, Chris
Lovell Knob	HQ	000582	HQ	46.8167	-115.7550	Private	1.00	7/8/2021	Lightning	\$ 8,000.00	Winfield, Jay
Hobbit 2	BC	000583	BC	46.9827	-115.8730	State	0.10	7/8/2021	Lightning	\$ 1,500.00	Bartlett, Chris
Benton Ridge	HQ	000590	HQ	46.8349	-115.8234	State	3,968.00	7/8/2021	Lightning	\$ 28,000.00	Alexander, Dillon
Benton Rock Pit	HQ	000594	HQ	46.8361	-115.8390	State	0.10	7/8/2021	Lightning	\$ 64,000.00	Bonk, Scott
Evans Airport	ER	000598	ER	46.6906	-116.0478	Private	0.10	7/8/2021	Lightning	\$ 2,000.00	Brudie, Jeremy
Browns Ridge	HQ	000599	HQ	46.3200	-115.8168	State	70.00	7/8/2021	Lightning	\$ 48,000.00	Hull, Isaac
Lower Brown	HQ	000602	HQ	46.3200	-115.8167	State	2.50	7/8/2021	Lightning	\$ 8,000.00	Hull, Isaac
Benton South	HQ	000605	HQ	46.8203	-115.7947	State	2.00	7/9/2021	Lightning	\$ 8,000.00	Alexander, Dillon
Goat Creek	BC	000608	BC	47.0006	-115.8687	State	808.00	7/9/2021	Lightning	\$ 92,000.00	Winfield, Jay
North Fork Benton	HQ	000609	HQ	46.8294	-115.7858	State	0.10	7/9/2021	Lightning	\$ 2,000.00	Alexander, Dillon
That's Country Bro	ER	000619	ER	46.6388	-116.0840	Private	0.10	7/9/2021	Equipment	\$ 1,500.00	Brudie, Jeremy

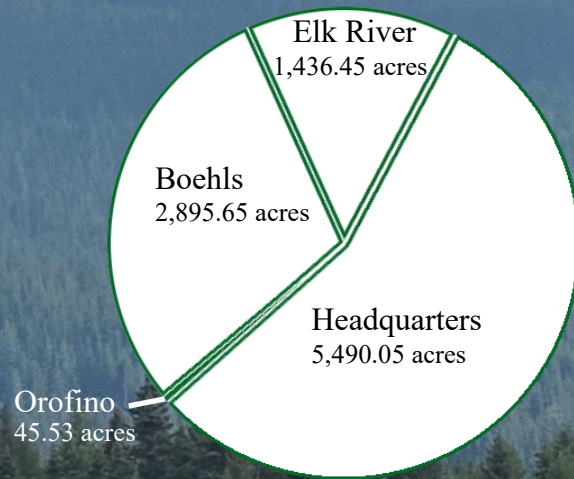
2021 Fires (Continued)

Incident Name	Area	Fire #	Area	Latitude	Longitude	Landowner	Acres	Date	Fire Cause General	Estimated Cost	IC Name
Bottom Brown	HQ	000621	HQ	46.3138	-115.8493	State	0.50	7/9/2021	Lightning	\$ 12,000.00	Hull, Isaac
Denham Place 2	OR	000625	OR	46.6480	-116.3047	Private	0.10	7/10/2021	Equipment	\$ 1,500.00	Brudie, Jeremy
West Cedar	BC	000635	BC	46.9756	-115.8411	State	0.30	7/11/2021	Lightning	\$ 14,000.00	Bartlett, Chris
Canada Hill	OR	000638	OR	46.4766	-116.2505	Tribal	18.00	7/11/2021	Other Human Cause	\$ 175,000.00	Steinbruecker, Kane
Benton Face	HQ	000652	HQ	46.8331	-115.8006	State	0.20	7/12/2021	Lightning	N/A	N/A
Upper Greer	OR	000665	OR	46.3852	-116.1421	Tribal	5.00	7/14/2021	Other Human Cause	\$ 2,000.00	Steinbruecker, Kane
Mason	OR	000670	OR	46.6496	-116.2971	Private	3.00	7/15/2021	Other Human Cause	\$ 32,000.00	Air Attack 670
Silver Corner	HQ	000703	HQ	46.7465	-115.8298	Private	0.10	7/21/2021	Lightning	\$ 900.00	Anderson, Shane
Little Boulder	ER	000705	ER	46.7593	-116.4432	USFS	0.10	7/21/2021	Lightning	\$ 5,500.00	Welter, Robin
Five Corners	ER	000720	ER	46.7608	-116.1863	USFS	3.00	7/22/2021	Equipment	\$ 5,300.00	Brudie, Jeremy
Bertha Fork	HQ	000737	HQ	46.7551	-115.8059	Private	0.25	7/24/2021	Lightning	\$ 8,300.00	Anderson, Shane
Viewpoint	OR	000780	OR	46.5206	-116.3024	Tribal	0.10	7/31/2021	Lightning	\$ 670.00	Hull, Issac
North Cedar	OR	000782	OR	46.6154	-116.4457	Private	0.10	7/31/2021	Lightning	\$ 1,000.00	Hull, Isaac
Red Willow	OR	000783	OR	46.6266	-116.4039	Private	0.10	7/31/2021	Lightning	\$ 510.00	Eck, Cameron
Spike Point	BC	000789	BC	46.9219	-115.8353	State	1.00	8/1/2021	Lightning	\$ 14,100.00	Barlett, Chris
Two Strikes	OR	000792	OR	46.5997	-116.3965	State	0.10	8/1/2021	Lightning	\$ 11,500.00	Eck, Cameron
Slash Face	OR	000793	OR	46.5950	-116.3295	State	0.30	8/1/2021	Lightning	\$ 6,600.00	Hull, Isaac
North Teakean	OR	000795	OR	46.6038	-116.3718	State	0.10	8/1/2021	Lightning	\$ 5,000.00	Brudie, Jeremy
Beaver Creek 12	HQ	000815	HQ	46.7538	-115.7142	Private	5.00	8/4/2021	Lightning	\$ 18,000.00	Anderson, Shane
Reeds Creek	HQ	000820	HQ	46.6188	-115.9928	Private	0.10	8/4/2021	Lightning	\$ 17,200.00	Anderson, Shane
Flannery Creek	HQ	000825	HQ	46.7037	-115.6418	Private	0.10	8/4/2021	Lightning	\$ 500.00	Alexander, Dillon
Miles Creek	HQ	000853	HQ	46.3268	-115.9273	State	0.10	8/6/2021	Lightning	\$ 1,500.00	Alexander, Dillon
Lovers Leap	OR	000962	OR	46.4704	-116.2417	Tribal	0.10	8/24/2021	Other Human Cause	\$ 600.00	Steinbruecker, Kane
57 Breakfast	HQ	001007	HQ	46.5763	-115.7280	Private	0.10	8/30/2021	Lightning	\$ 900.00	Alexander, Dillon
Late Night Harmony	OR	001060	OR	46.4778	-116.1514	Private	0.36	9/9/2021	Lightning	\$ 2,300.00	Eck, Cameron
John Lewis	HQ	001089	HQ	46.6875	-115.9386	State	53.00	9/18/2021	Equipment	\$ 100,000.00	Steinbruecker, Kane
Ashenfelter	ER	001094	ER	47.0465	-116.1954	Private	74.00	9/20/2021	Debris/Open Burning	\$ 70,000.00	Welter, Robin
Phone Booth	ER	001132	ER	46.9500	-116.1471	Private	8.50	10/11/2021	Camping	\$ 12,700.00	Welter, Robin
Hemlock Creek	BC	001133	BC	46.9590	-116.0125	Private	10.00	10/11/2021	Camping	\$ 10,000.00	Bartlett, Chris
Fidler	HQ	001148	HQ	46.3448	-115.9607	Private	0.10	10/18/2021	Other Human Cause	\$ 400.00	Alexander, Dillon
Cooper	OR	001157	OR	46.4491	-116.0625	Private	1.12	10/20/2021	Debris/Open Burning	\$ 600.00	Eck, Cameron

Fires Per Area



Acres Burned Per Area



40 Year Fire History

40 Year Fire History

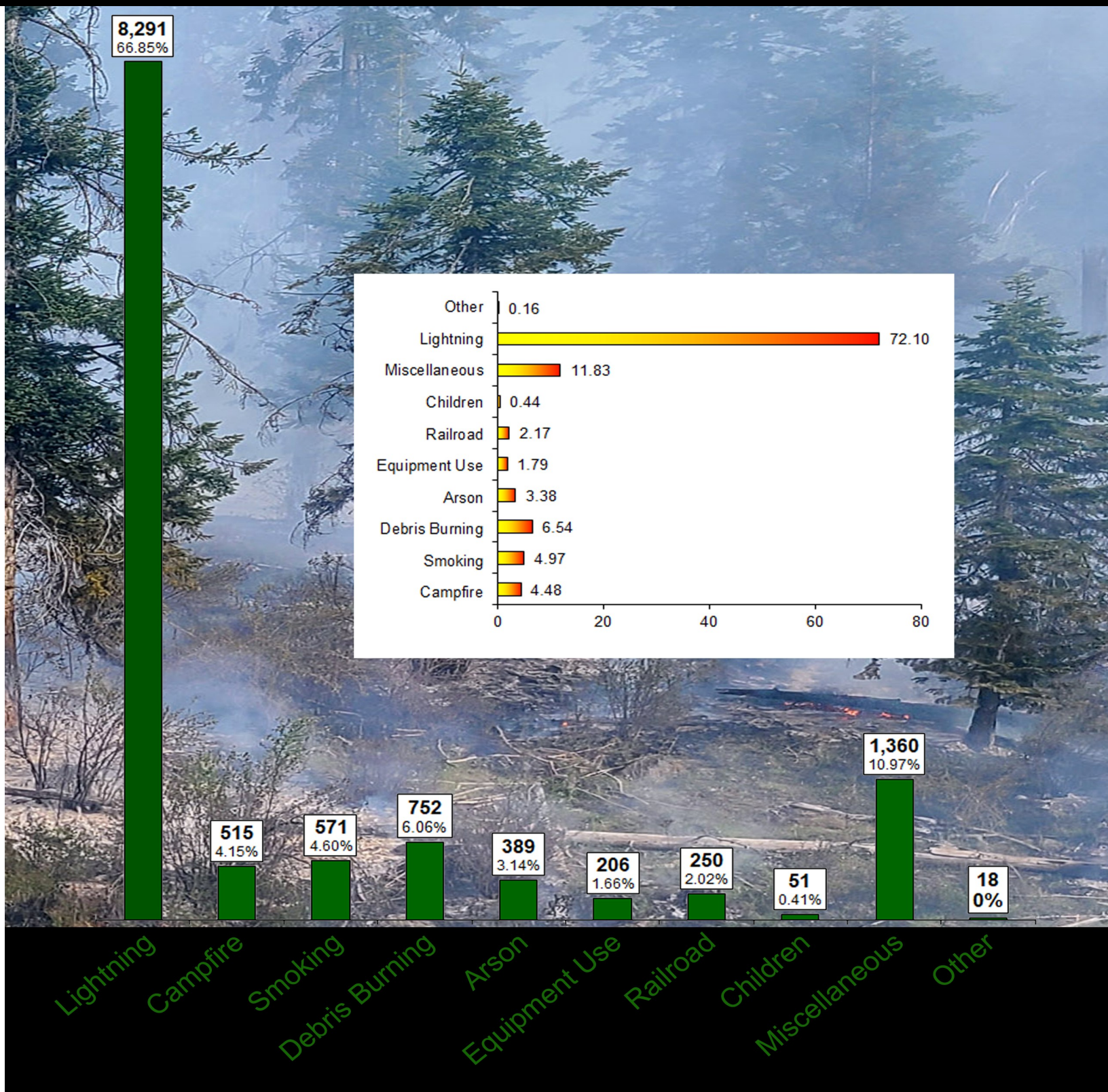
Year	Spot		A Fires		B Fires		C Fires		D Fires		E Fires		F Fires		Total Fires	Total Acres
	spot	acres	#	acres	#	acres	#	acres	#	acres	#	acres	#	acres		
1982	55	0.0	3	0.8	5	3.4	0	0.0	1	100.0	0	0.0	0	0.0	64	104.1
1983	52	0.0	0	0.0	5	9.0	1	75.0	0	0.0	0	0.0	0	0.0	58	84.0
1984	151	0.0	0	0.0	17	12.3	2	110.0	0	0.0	1	360.0	0	0.0	171	482.3
1985	79	0.0	7	1.8	9	14.3	2	67.0	0	0.0	0	0.0	0	0.0	97	83.0
1986	172	0.0	0	0.0	43	92.3	10	176.0	2	254.0	1	427.0	1	1,438.0	229	2,387.3
1987	77	0.0	0	0.0	19	21.0	0	0.0	0	0.0	0	0.0	0	0.0	96	21.0
1988	97	0.0	0	0.0	15	28.5	2	64.0	2	228.0	0	0.0	0	0.0	116	320.5
1989	0	0.0	182	0.0	20	32.0	0	0.0	0	0.0	0	0.0	0	0.0	202	32.0
1990	0	0.0	90	4.1	14	24.3	0	0.0	0	0.0	0	0.0	0	0.0	104	28.4
1991	0	0.0	95	10.6	16	23.8	0	0.0	0	0.0	0	0.0	0	0.0	111	34.3
1992	0	0.0	124	13.7	25	38.8	1	50.0	0	0.0	0	0.0	0	0.0	150	102.5
1993	0	0.0	34	3.7	2	2.5	2	40.0	0	0.0	0	0.0	0	0.0	38	46.2
1994	0	0.0	234	30.7	104	185.1	9	144.5	0	0.0	0	0.0	0	0.0	347	360.2
1995	0	0.0	43	6.1	8	13.8	0	0.0	0	0.0	0	0.0	0	0.0	51	19.9
1996	0	0.0	58	8.3	17	20.4	1	20.0	1	230.0	0	0.0	0	0.0	77	278.7
1997	0	0.0	33	3.7	7	14.1	2	51.0	0	0.0	0	0.0	0	0.0	42	68.8
1998	0	0.0	78	8.5	6	12.0	2	46.0	0	0.0	0	0.0	0	0.0	86	66.5
1999	0	0.0	61	8.1	11	20.7	0	0.0	0	0.0	0	0.0	0	0.0	72	28.9
2000	0	0.0	34	4.1	8	15.1	0	0.0	0	0.0	0	0.0	0	0.0	42	19.1
2001	0	0.0	57	7.8	13	17.8	0	0.0	0	0.0	0	0.0	0	0.0	70	25.6
2002	0	0.0	33	4.4	7	13.1	2	41.0	0	0.0	0	0.0	0	0.0	42	58.5
2003	0	0.0	28	3.7	5	7.2	1	31.7	0	0.0	0	0.0	0	0.0	34	42.6
2004	0	0.0	63	7.2	6	12.4	1	19.2	0	0.0	0	0.0	0	0.0	70	38.8
2005	0	0.0	14	2.0	4	21.0	1	26.0	0	0.0	0	0.0	0	0.0	19	49.0
2006	0	0.0	101	14.7	10	15.0	1	34.0	0	0.0	0	0.0	0	0.0	112	63.7
2007	0	0.0	32	4.6	16	38.9	3	76.5	0	0.0	0	0.0	0	0.0	51	120.0
2008	0	0.0	25	3.6	11	13.8	1	90.0	0	0.0	0	0.0	0	0.0	37	107.4
2009	0	0.0	34	3.7	6	5.0	0	0.0	0	0.0	0	0.0	0	0.0	40	8.7
2010	0	0.0	19	2.1	8	17.3	1	23.0	0	0.0	0	0.0	0	0.0	28	42.3
2011	0	0.0	30	4.5	12	17.3	0	0.0	0	0.0	0	0.0	0	0.0	42	21.8
2012	0	0.0	31	3.5	10	23.0	1	80.0	1	310.0	0	0.0	0	0.0	43	416.5
2013	0	0.0	49	6.9	16	23.5	2	102.3	1	110.0	0	0.0	1	1,100.0	69	1,342.7
2014	0	0.0	70	10.7	11	18.8	0	0.0	0	0.0	0	0.0	0	0.0	81	29.5
2015	0	0.0	38	6.6	11	8.0	1	40.0	0	0.0	1	689.0	1	1,750.0	52	2,493.6
2016	0	0.0	28	3.8	4	12.4	1	15.0	0	0.0	0	0.0	0	0.0	33	31.2
2017	0	0.0	17	2.8	4	15.0	0	0.0	0	0.0	0	0.0	0	0.0	21	17.8
2018	0	0.0	28	3.8	13	15.9	2	58.7	0	0.0	0	0.0	0	0.0	43	78.4
2019	0	0.0	31	3.8	5	11.2	2	50.6	0	0.0	0	0.0	0	0.0	38	65.6
2020	0	0.0	16	1.6	6	19.3	2	61.0	1	110.0	1	499.0	1	1,631.0	27	2,321.9
2021	0	0.0	36	4.3	27	57.4	8	284.0	0	0.0	1	808.0	4	8,714.0	76	9,867.7
	683	0	1,856	209.8	556	966.2	64	1,876.5	9	1,342.0	5	2,783.0	8	14,633.0	3,181	21,810.4

Size Class Code	Fires			Acres		
	Total	Average/Year	% of Total	Total	Average/Year	% of Total
(S) Spot	683	16.3	21.5%	0.0	0.0	0.0%
(A) .25 or less	1,856	44.2	58.3%	209.8	5.0	1.0%
(B) .26 through 9.9	556	13.2	17.5%	966.2	23.0	4.4%
(C) 10 through 99.9	64	1.5	2.0%	1,876.5	44.7	8.6%
(D) 100 through 299.9	9	0.2	0.3%	1,342.0	32.0	6.2%
(E) 300 through 999.9	5	0.1	0.2%	2,783.0	66.3	12.8%
(F) 1000 through 4999.9	8	0.2	0.3%	14,633.0	348.4	67.1%
Total	3,181	75.7	100.0%	21,810.4	519.3	100%

Fire Occurrence Comparison

	Lightning	Human Caused
111 Year Average	74.58	36.81
2021 Fire Season	52	24

116 Year Fire Occurrence



Equipment Usage on Fires

Pump Use on Fires		
Type	# of Fires	% of Fires
Pressure Pump	5	7%
Filler Pump	1	1%
Slip Tank	0	0

Equipment Use on Fires		
Type	# of Fires	% of Fires
Type 2	13	17%
Type 4	10	13%
Type 5	1	1%
Type 6	45	59%
Type 7	71	93%
ATV	19	25%
UTV	1	1%
Dozer	16	21%
Excavator	0	0%
Transports	14	18%

Airplane Usage on Fires

Program	Cessna 185 (53083)	Super Cub (1679P)	Total
Protection	117.5	6.8	124.3
Corps of Engineers	0	0	0
Maintenance	6.9	220	9.1
IDL Arson Investigation	0	0	0
Suppression	2.8	3.6	6.4
Total Hours	127.2	12.6	139.8
% of Total	91%	9%	100%

Burn Permits 2021

Type of Burn Permit	Total
Crop Residue, Pasture, and CRP Burning	37
Special Use (Agency Permit Use Only)	1
Residential Yard Waste/Orchard Clippings	3
Weed Control Along Ditch Banks and Fence Lines	2
Burn Barrel (Residential Solid Waste Disposal)	57
Residential Yard Waste/Small Slash Piles (Max size 5 feet high 5 feet wide)	56
Medium Slash Piles (Maximum pile size 10 feet high and 10 feet wide)	17
2021 Total Burn Permits Issued	173

Hazard Management

The operating agreement between the State of Idaho and the Clearwater-Potlatch Timber Protective Association for the management of fire hazards resulting from commercial harvest was continued in 2021.

Cooperative Agreement

A cooperative agreement continues to this date between the Association and the State Board of Land Commissioners through the Director of the Idaho Department of Lands. The purpose of this agreement is to clarify the forest protection relationship between the Association and the Idaho Department of Lands. It defines the reimbursable emergency fire suppression expenditures that may be incurred by the State and Association. In addition, the agreement addresses the following: (1) fire protection plans, (2) fire management, (3) reports and records, (4) budgets, (5) administrative matters, (6) payments, (7) duration, and (8) limited obligation by the State.

FO 2 Fire



Monthly Precipitation Comparison 2021

Taken at Elk River, Idaho

	May	June	July	August	September	October
Rainfall (inches)	0	0.5	0.05	0.9	1.44	2.15
68 Year Average	2.13	1.94	0.75	0.90	1.41	3.33
Departure From Average	-2.13	-1.44	-0.70	0.00	0.03	-1.18

Taken at Headquarters, Idaho

	May	June	July	August	September	October
Rainfall (inches)	1.03	1.24	0.00	2.04	1.89	2.7
76 Year Average	2.44	2.39	1.10	1.20	1.62	2.43
Departure From Average	-1.41	-1.15	-1.10	0.84	0.27	0.27

Log Production 2021

Total log production from operators holding agreement under Surety Bond:	123,635,130 BF
Total log production from operators under Holdback Option 2:	20,276,710 BF
Total log production from operators under Option 1:	148,180 BF
Total:	144,060,020 BF

