

TimberA



Clearwater-Potlatch Timber Protective Association, Inc.

Annual Report

2016

Report of the Chief Fire Warden

OFFICERS AND MEMBERS OF THE CLEARWATER-POTLATCH TIMBER PROTECTIVE ASSOCIATION, INC.

I am pleased to present the annual report for January 1, 2016 to December 31, 2016. This report includes the fiscal yearend period July 1, 2015 to June 30, 2016, providing information of the Association's revenues and expenses.

During the 2016 fire season, the C-PTPA had 33 fires starting in April and ending in late September. Human caused fires were above average with 15 fires; lightning caused fire activity was well below normal with only 18 initial attack fires. The Association had six fires of suspicious origin. These suspicious fires were believed to be incendiary or intentional hot sets to slash piles. Fire investigations are ongoing with some leads that are being followed up by IDL investigators, C-PTPA employees and local law enforcement. The Association also experienced six equipment logging operations fires. The water tanks required by Potlatch Corporation continue to keep many fires from growing large and out of control until C-PTPA resources are able to respond. The Hillcrest initial attack helicopter continues to be a valuable asset. Response is quick and we are able to keep fires at bay until ground resources arrive and begin suppression activities.

There were several off-district fire opportunities last year. Association employees were able to support incidents in Colorado, Minnesota, Tennessee, Georgia, Southern Idaho and with the Grangeville Taskforce. The assignments provided a very large cost savings to our protection budget.

The hazard management program was very productive with hand line construction, excavator piling and dozer line installation, fall pile burning and some broadcast burning in the spring. The Association continues to help member landowners complete hazard requirements after timber harvest occurs on their property.

The C-PTPA hosted the Oregon and Idaho Associations in Orofino in mid-May. Each Association gave a 2015 fire season review. We discussed the challenges that each FPA/TPA faced when Washington, Oregon, Idaho, California, Montana and British Columbia were experiencing large, uncontrolled fires and resources were limited. Many topics were discussed including forest assessments, timber company and state timber resource values to federal IMT employees, insurance matrixes, FEMA fires and auditing challenges, resource shortages, delegation of authority, drug testing, new logging techniques such as tethering and other industrial fire causes, aviation resources, hand crews, labor laws and fiscal software. The meeting concluded with a tour of Dworshak Dam hosted by Paul Pence of the Army Corps of Engineers and a tour of the 2015 fires throughout the Orofino and Kamiah area. We also hosted a social dinner event that included all the C-PTPA Board of Directors and Association staff. Next year's meeting will be hosted by the Coos Forest Protective Association in Oregon.



Idaho-Oregon Association Meeting, Orofino, ID (L to R): R.D. Buell-Walker Range Fire Patrol, Melvin Thornton-Douglas Forest Protective Association, Len Young-C-PTPA, Mike Robison-Coos Forest Protective Association, and Ken Stump-Southern Idaho Timber Protective Association.

The Association had two long-time Area Fire Wardens and one equipment operator retire in 2016. Mike Victorine retired in early January with 37 years of service at the Headquarters Camp and Steve Trombley retired at the end of December with 34 years of service at the Boehls Camp. Tom Tillson was the Boehls Camp equipment operator and carpenter and retired in April with 7 years of service. Thank you Mike, Steve and Tom for your dedication and careers spent in service to the Association. We wish each of you the very best in your retirement.

The 2016 fire season was below normal fire occurrence compared to what we normally experience. We continue to provide a high level of forest and resource protection to our customers and appreciate all Association employees who made personal sacrifices during the fire season. I would like to thank all Association employees, the forest industry, co-operating agencies, and private landowners for their support during 2016.

Respectfully submitted,


Len H. Young
Chief Fire Warden
C-PTPA

2016 Fire School-Boehls Cabin, Idaho



Official Directory

OFFICERS

Rich McMillan, President
Greg Danly, Vice President
Len Young, Secretary-Treasurer
Len Young, Chief Fire Warden
Kimberly S-Browning, Assistant Secretary-Treasurer

DIRECTORS

Rich McMillan	Potlatch Corporation
Kyle Wetmore	Idaho Forest Group
Eric Besaw	State of Idaho
M. John Larson	M. John Larson Logging
Greg Danly	Empire Lumber Company
Mike Reggear	Small Landowner Representative

FIRE COMMITTEE

Directors serve as Fire Committee

AUDIT COMMITTEE

Greg Danly, Chairman
Board of Directors serve as Committee

The Clearwater Timber Protective Association and the Potlatch Timber 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.

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.

LEGISLATIVE COMMITTEE

Eric Besaw, State of Idaho

Landowners and Acres Protected

 **Potlatch**
424,228 acres

 **IDAHO DEPARTMENT OF LANDS**
267,698 acres

 **FOREST SERVICE**
U.S.
DEPARTMENT OF AGRICULTURE
96,641 acres

 **Small Private Landowner**
156,155 acres

 **TRI-PRO**
Forest Products
339 acres

 **EMPIRE**
Lumber Company
3,075 acres

 **U.S. Army Corps of Engineers®**
29,318 acres

 **U.S. DEPARTMENT OF THE INTERIOR**
1824
BUREAU OF INDIAN AFFAIRS
5,687 acres

 **U.S. DEPARTMENT OF THE INTERIOR**
BUREAU OF LAND MANAGEMENT
5,687 acres

Member	Acres Protected
Potlatch Corporation	424,228
State of Idaho – Department of Lands	267,698
Empire Lumber Company	3,075
Corps of Engineers	29,318
Tri-Pro Forest Products	339
Small Private Landowner	156,155
B.L.M. Lands	5,687
U.S. Forest Service	96,641
Tribal Lands	5,687
Total Member Acres Protected	988,828

Mission Statement

The mission of the Clearwater-Potlatch Timber Protective Association was a simple premise in 1905 - safely suppress fires when they are small. That mindset has remained for over 110 years and is the idea that still drives the Association today.

An educated firefighter is a safer firefighter. C-PTPA fire crews are trained annually in the basic skills it takes to safely extinguish fires. The Association participates with other agencies to train loggers and rural fire departments to draw from when the need arises. Our efforts do not stop with today's workforce; we target tomorrow's by teaching kids the dangers and uses of fire.

The hazard management program is designed to reduce the fire hazard created by harvesting timber. Prescribed burning provides a relatively controlled method of reducing potential fire growth and provides a suitable environment for tomorrow's trees to grow.

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.



Fire Season 2016

The 2016 fire season for the Clearwater-Potlatch Timber Protective Association was characterized as below normal in severity and suppression activity.

The first fire of the season was a landowner's escaped broadcast burn on April 19th. The month of May saw two small lightning fires early in the month, with a 5 acre arson fire at the end. June through mid July saw only lightning starts (13), except for an equipment fire on June 7th.

August started with two lightning fires (August 6th and 9th) and ended with a string of 6 human caused fires. September saw 5 more human caused fires, with the last fire being reported on September 22nd.



The Idaho Department of Lands Standard of Protection requires State Districts to meet the following standards:	The Clearwater-Potlatch Timber Protective Association has refined the IDL standards for the fuels and resources of our protective district to:	C-PTPA 2016
♦ Fires should be contained to less than 10 acres 94% of the time	♦ Fires should be contained to less than 10 acres 97% of the time	1 Fire 96.97%
♦ IDL should have no more than 34 human caused fires	♦ C-PTPA should have no more than 24 human caused fires	15 Fires 62.5%
♦ IDL should burn no more than 864 acres	♦ C-PTPA should burn no more than 380 acres	31.18 Acres 8.21%

This year, the C-PTPA had 15 human caused fires for 62.5% of the allowable standard and burned 31.18 acres for 8.21% of the allowable standard. The human caused fires were debris burns, equipment use, campfires, arson and miscellaneous.

Manning Class For Typical 77 Day Fire Season July 1st. Through September 15th

Month	Low	Moderate	High -3	High +3	Very High	Extreme	Total Days
July	1	2	19	9	0	0	31
August	0	1	2	26	2	0	31
September	1	0	9	5	0	0	15
	2	3	30	40	2	0	77



Aircraft

During the 2016 fire season, the Association contracted a Bell 206 L-3 Helicopter on 10-minute standby from Hillcrest Aviation.

Through a cooperative agreement with the Idaho Department of Lands, two single engine air tankers (SEATS) and two Fire Boss Water Scoopers were available to the Association. Neither the SEATS nor the Water Scoopers were used during Association managed fires.

Although stationed in Orofino, the helicopter can transport crews from all C-PTPA locations. Air transportation allows for quick initial suppression activities. Once on the scene, the helicopter can attach a water bucket and begin dropping water from a nearby water source. A considerable effort has been made throughout the history of the Association to create and maintain dip ponds inside its' protection boundaries. The aircraft is capable of slinging in a 72 gallon water blivet or other cargo to aid firefighters in inaccessible locations. This program, assisted by the retardant aircraft, has proven to be an efficient, effective means of wildfire suppression.

The helicopter was used for a total of 41.7 hours that included:

- presuppression – 19.2 hours
- fire suppression – 22.5 hours

16,584 gallons of water were dropped and cargo deliveries amounted to 1,700 pounds. The helicopter contract was changed from a guaranteed 110 hour contract to a daily availability rate plus flight hours. An addendum was added in 2014 that allowed the Association the flexibility to get other aircraft directly from the vendor, outside of normal dispatch channels. No additional aircraft were needed for 2016.

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.

Dworshak Project - Added Protection

The contract with the Corps of Engineers to provide additional protection services was continued for the 2016 fire season. This agreement provides for a daily boat patrol and an aerial patrol of the reservoir on Friday through Monday afternoons, July 1st through September 15th. The boat patrols have proven very effective at detecting abandoned campfires in the many mini-camps along the reservoir. In 2016, there were no fires on Corps of Engineers property.

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 2016.

Equipment Replacement and Improvements

Inventory Added (DDOD):

- (4) Bobcat Skid Steer Loaders
- (2) Trailer Pumps
- (1) 2.5 Ton Military Tractor
- (2) Mack Dump Trucks

Inventory Added (Commercial/Private):

- (1) 2016 Ford F350 Crew Cab
- (1) 2016 Ford F350 Pickup
- (1) Custom Weld Boat/Motor/Trailer
- (1) 2016 Can Am Defender and Trailer
- (1) 2015 Suzuki 500 4-wheeler

Inventory Excessed (FEPP):

- (2) Clark Forklifts
- (1) 1985 Dodge Pickup
- (1) Pettibone Forklift
- (1) Athey Forklift
- (1) GMC Flatbed
- (1) Hyster Forklift
- (1) 28 Foot Fifth Wheel Trailer

Inventory Sold Privately:

- (1) Custom Weld Boat/Motor/Trailer
- (1) 2001 Dodge Pickup
- (1) 2008 Yamaha 4-wheeler
- (1) 2005 Ford F350 Pickup

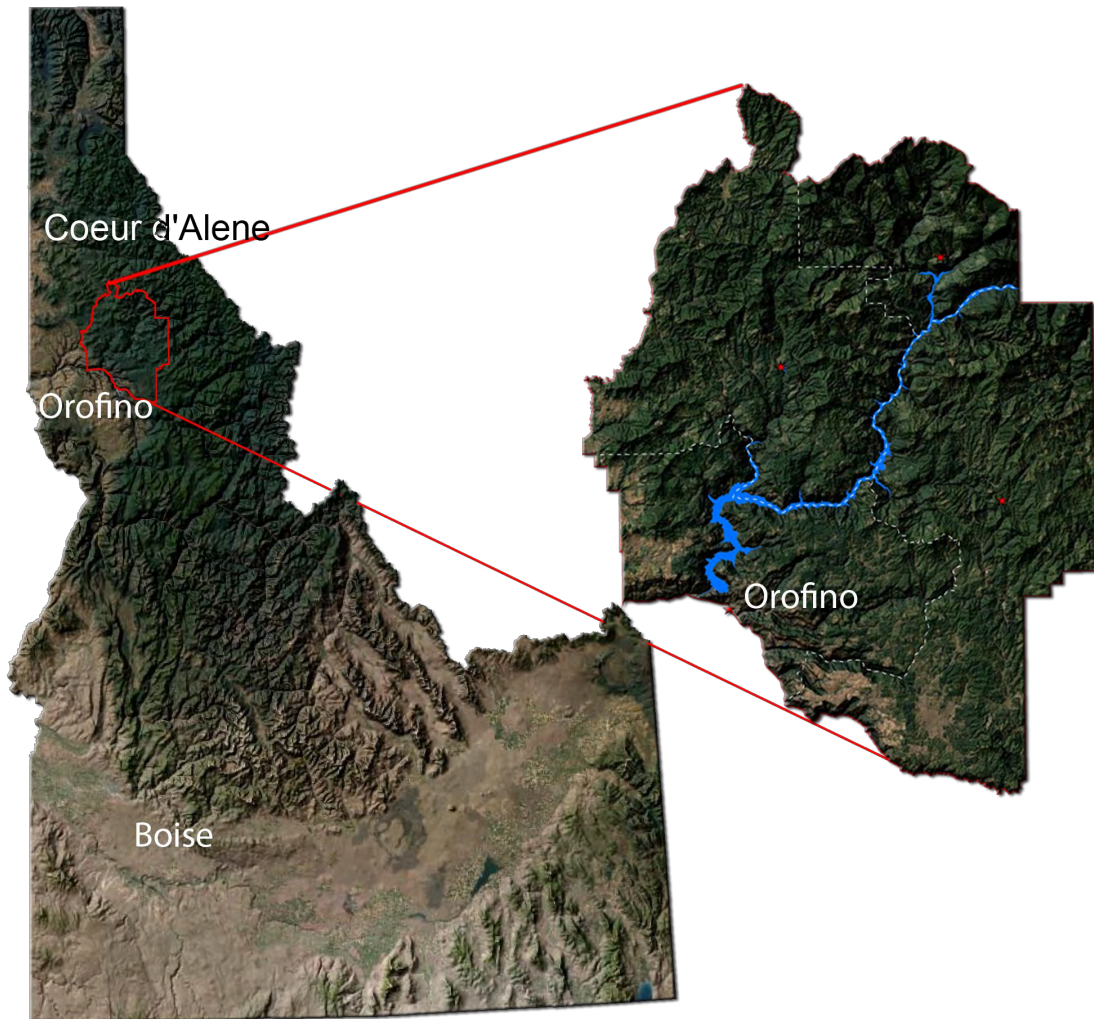
Acreage and Assessment of Members

7/1/2015 to 6/30/2016

Member	Acreage	\$.60 Assessment
Empire Lumber Company	3,075	\$1,845.00
Tri-Pro Forest Products	339	\$203.40
Potlatch Corporation	424,228	\$254,536.80
State of Idaho	267,698	\$160,618.80
Federal Agencies	96,641	\$57,984.60
*Corps of Engineers	29,318	\$44,739.00
**Small Private Landowners	156,155	\$160,056.00
1st. Assessment Levied 7/1/2015	977,454	\$679,983.60

*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, 2016

Assets

Current Assets

Cash	\$1,055,147
Receivables	\$84,852
Unbilled work in process	\$13,197
Inventory	\$34,039
Prepaid expenses	\$52,620
Total Current Assets	\$1,239,855

Property and Equipment, net of accumulated depreciation of \$2,225,837

\$978,672

Total Assets

\$2,218,527

Liabilities and Net Assets

Current Liabilities

Accounts payable	\$21,417
Accrued wages	\$27,137
Accrued vacation	\$61,613
Accrued retiree insurance	\$65,113
Deferred revenue	\$2,019
Total Current Liabilities	\$177,299

Long-Term Liabilities

Net pension liability	\$434,000
Total Long-Term Liabilities	\$434,000

Total Liabilities

\$611,299

Net Assets

Unrestricted	\$1,569,433
Temporarily restricted	\$37,795

Total Net Assets

\$1,607,228

Total Liabilities and Net Assets

\$2,218,527

2016 Fires

Date	Fire #	Fire Name	Area	Latitude	Longitude	Acres	Total Cost	Fuel Model	Landowner	General Cause	Size Class
4/19/2016	99001	Three Bear Switch	ER	N46 44.661	W116 18.092	15	\$5,760.86	Heavy Slash	Potlatch	Miscellaneous	10 - 99.9 acres
4/20/2016	99002	Three Bear 15 Piles	ER	N46 43.285	W116 19.132	0.1	\$133.06	Light Slash	Potlatch	Miscellaneous	0 -.25 acres
5/5/2016	99003	Reiley	HQ	N46 18.781	W116 55.542	0.1	\$1,620.53	Annual Grasslands & Forbs	IDL	Lightning	0 -.25 acres
5/6/2016	99004	Mason 15.5	ORO	N46 39.021	W116 20.242	0.1	\$1,377.42	Medium Slash	Potlatch	Lightning	0 -.25 acres
5/30/2016	99005	Three Bear Corral	ORO	N46 40.166	W116 24.613	5	\$20,726.83	Medium Slash	Potlatch	Arson	.26 - 9.9 acres
6/7/2016	99006	Fischer Creek	ER	N46 40.401	W116 08.378	0.1	\$979.79	Light Slash	IDL	Equipment Use	0 -.25 acres
6/9/2016	99007	Camp 40	BC	N46 56.059	W116 02.704	0.1	\$2,276.70	Closed Canopy Fir	IDL	Lightning	0 -.25 acres
6/28/2016	99008	Old Peck Grade	ORO	N46 30.272	W116 26.379	0.25	\$1,975.81	Perennial Grasslands	PVT	Lightning	0 -.25 acres
6/28/2016	99009	Trapper Scott	BC	N46 56.075	W115 56.201	0.25	\$2,643.53	Closed Canopy Fir	IDL	Lightning	0 -.25 acres
6/28/2016	99010	Crescendo	BC	N46 55.583	W115 49.131	0.2	\$19,253.56	Closed Canopy Fir	IDL	Lightning	0 -.25 acres
6/28/2016	99011	Freezeout	BC	N47 00.472	W116 01.382	0.1	\$147.07	Annual Grasslands & Forbs	USFS	Lightning	0 -.25 acres
7/3/2016	99012	Haunted Forest	BC	N46 57.918	W115 54.689	0.1	\$1,945.11	Closed Canopy Fir	IDL	Lightning	0 -.25 acres
7/12/2016	99013	Morris Saddle	BC	N46 53.518	W115 45.856	0.1	\$2,383.99	Closed Canopy Fir	USFS	Lightning	0 -.25 acres
7/12/2016	99014	South Boehls	BC	N46 53.465	W115 54.413	0.1	\$3,365.34	Light Slash	IDL	Lightning	0 -.25 acres
7/12/2016	99015	Benton Butte	HQ	N46 44.673	W115 40.466	0.1	\$1,812.48	Closed Canopy Fir	IDL	Lightning	0 -.25 acres
7/12/2016	99016	Stanton Point	BC	N46 53.692	W115 55.677	0.1	\$3,076.14	Closed Canopy Fir	IDL	Lightning	0 -.25 acres
7/12/2016	99017	Cedar Breakfast	ER	N46 51.460	W116 03.250	0.1	\$3,179.44	Pine with Needle Understory	Potlatch	Lightning	0 -.25 acres
7/12/2016	99018	Upper Breakfast Creek	BC	N46 54.235	W115 54.555	0.1	\$541.37	Closed Canopy Fir	IDL	Lightning	0 -.25 acres
7/12/2016	99019	Lower Breakfast Creek	BC	N46 54.014	W115 54.555	0.1	\$547.06	Closed Canopy Fir	IDL	Lightning	0 -.25 acres
7/18/2016	99020	Norwegian	ORO	N46 39.450	W116 22.480	2	\$23,342.31	Medium Slash	Potlatch	Lightning	.26 - 9.9 acres
8/6/2016	99021	Elkberry 1860	HQ	N46 46.787	W115 53.797	0.1	\$5,843.25	Light Slash	Potlatch	Lightning	0 -.25 acres
8/9/2016	99022	Mutton	HQ	N46 27.290	W115 50.090	0.1	\$5,639.43	Closed Canopy Fir	Potlatch	Lightning	0 -.25 acres
8/17/2016	99023	Camp X	BC	N46 51.050	W115 58.480	0.25	\$5,040.32	Closed Canopy Fir	IDL	Campfire	0 -.25 acres
8/18/2016	99024	Fidler	HQ	N46 20.270	W115 57.890	0.1	\$5,209.29	Closed Canopy Fir	IDL	Miscellaneous	0 -.25 acres
8/19/2016	99025	Little Beaver	HQ	N46 34.435	W115 44.947	0.1	\$1,932.40	Medium Slash	Potlatch	Equipment Use	0 -.25 acres
8/19/2016	99026	3.5 Deck	ER	N46 47.354	W116 08.041	0.1	\$1,793.32	Natural Heavy Down & Dead	USFS	Equipment Use	0 -.25 acres
8/22/2016	99027	Lower John Lewis	HQ	N46 40.220	W115 58.040	1	\$16,297.19	Medium Slash	IDL	Equipment Use	.26 - 9.9 acres
8/29/2016	99028	Highway 11 Shop	HQ	N46 22.587	W116 01.579	0.25	\$954.83	Annual Grasslands & Forbs	PVT	Equipment Use	0 -.25 acres
9/4/2016	99029	Woods Road	HQ	N46 23.690	W115 59.530	4.38	\$20,824.73	Low Brush and Forbs	Potlatch	Arson	.26 - 9.9 acres
9/5/2016	99030	Slaughter House	ORO	N46 30.025	W116 18.941	0.1	\$486.41	Pine with Needle Understory	Id Fish & Game	Arson	0 -.25 acres
9/11/2016	99031	Fidler 2	HQ	N46 20.270	W115 57.870	0.25	\$2,500.59	Closed Canopy Fir	IDL	Equipment Use	0 -.25 acres
9/16/2016	99032	Greer Campfire	ORO	N46 23.596	W116 10.725	0.1	\$120.24	Annual Grasslands & Forbs	Railroad	Campfire	0 -.25 acres
9/22/2016	99033	Lacey Pile Burn	HQ	N46 20.753	W115 52.788	0.25	\$1,312.78	Light Slash	PVT	Debris Burning	0 -.25 acres

Date	Date of Fire	Landowner	Landowner
Fire Number	Fire Number		PC - Potlatch
Fire Name	Name of Fire		IDL - Idaho Dept. of Lands
Area	BC - Boehls Cabin ER - Elk River HQ - Headquarters ORO - Orofino		COE - Corps of Engineers DOT - Dept. of Trans IF & G - Idaho Fish and Game
Lat	Latitude		BIA - Bureau Of Indian Affairs
Long	Longitude		USFS - U.S. Forest Service
Acres	Acres Burned		BLM - Bureau of Land Management
Cost	Fire Suppression Cost		PVT - Private Landowner
Fuel Model	Type of Fuels Involved	General Cause	Cause of Fire
		Size Class	Size Class

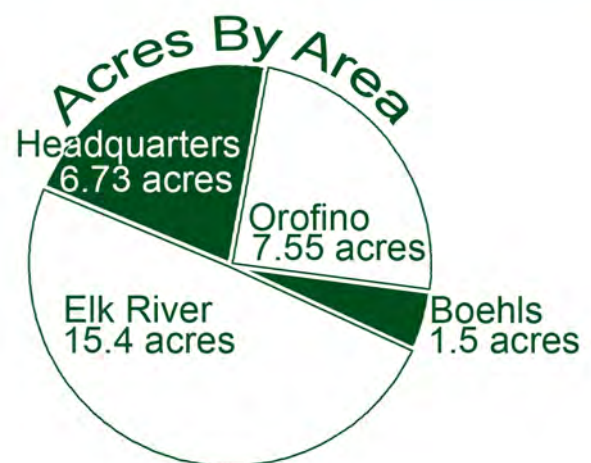
Fire Season Information

Fire Type By Landowner

Landowner	Lightning	Campfire	Debris Burning	Equipment Use	Arson	Misc.	Fireworks
Potlatch	5	0	0	1	2	2	0
Idaho Department of Lands	10	1	0	3	0	1	0
U.S. Forest Service	2	0	0	1	0	0	0
Idaho Fish and Game	0	0	0	0	1	0	0
Private	1	0	1	1	0	0	0
Railroad	0	1	0	0	0	0	0
Totals	18	2	1	6	3	3	0

Fire Type By Month

Month	Fireworks	Lightning	Campfire	Debris Burning	Equipment Use	Arson	Misc.
April	0	0	0	0	0	0	2
May	0	2	0	0	0	1	0
June	0	5	0	0	1	0	0
July	0	9	0	0	0	0	0
August	0	2	1	0	4	0	1
September	0	0	1	1	1	2	0
October	0	0	0	0	0	0	0
Totals	0	18	2	1	6	3	3

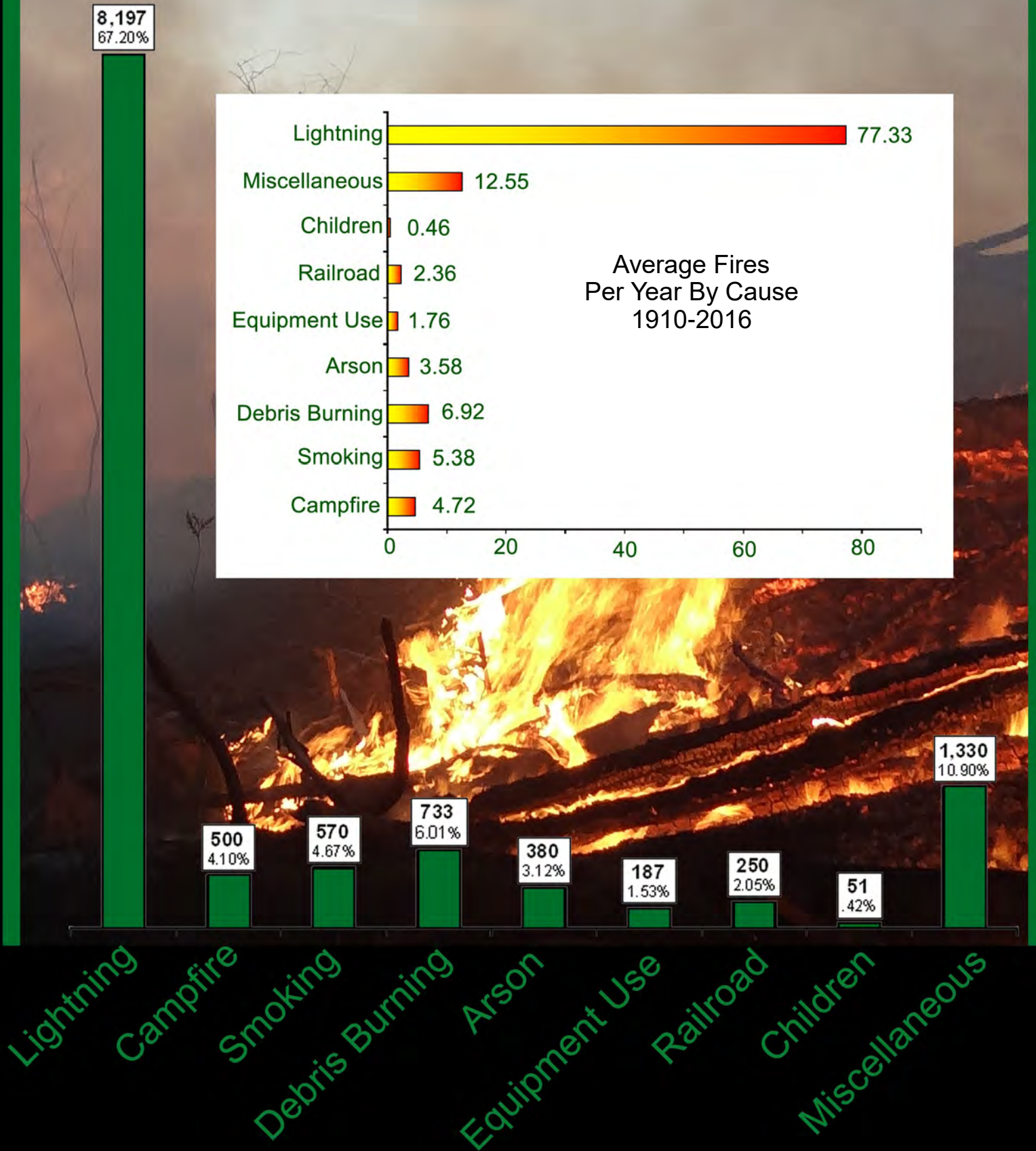


42 Year Fire History

Year	Spot		A Fires		B Fires		C Fires		D Fires		E Fires		F Fires		Total	Total
	spot	acres	#	acres	#	acres	#	acres	#	acres	#	acres	#	acres	Fires	Acres
1975	87	0.0	1	0.3	10	13.4	1	15.0	0	0.0	0	0.0	0	0.0	99	28.6
1976	107	0.0	3	0.8	5	16.0	0	0.0	1	100.0	0	0.0	0	0.0	116	116.8
1977	118	0.0	3	0.8	8	11.4	1	20.0	0	0.0	0	0.0	0	0.0	130	32.2
1978	99	0.0	0	0.0	5	10.0	1	20.0	0	0.0	0	0.0	0	0.0	105	30.0
1979	139	0.0	0	0.0	18	19.8	0	0.0	0	0.0	0	0.0	0	0.0	157	19.8
1980	42	0.0	0	0.0	2	4.5	0	0.0	1	100.0	0	0.0	0	0.0	45	104.5
1981	55	0.0	4	1.0	4	3.0	1	40.0	0	0.0	0	0.0	0	0.0	64	44.0
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	10.3	11	18.8	0	0.0	0	0.0	0	0.0	0	0.0	81	29.1
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
	1,330	0	1,739	195.8	553	925.5	54	1,517.2	10	1,432.0	3	1,476.0	3	4,288.0	3,692	9,834.5

Size Class Code	Fires			Acres		
	Total	Average/Year	% of Total	Total	Average/Year	% of Total
(S) Spot	1,330	31.7	36.0%	0.0	0.0	0.0%
(A) .25 or less	1,739	41.4	47.1%	195.8	4.7	2.0%
(B) .26 through 9.9	553	13.2	15.0%	925.5	22.0	9.4%
(C) 10 through 99.9	54	1.3	1.5%	1,517.2	36.1	15.4%
(D) 100 through 299.9	10	0.2	0.3%	1,432.0	34.1	14.6%
(E) 300 through 999.9	3	0.1	0.1%	1,476.0	35.1	15.0%
(F) 1000 through 4999.9	3	0.1	0.1%	4,288.0	102.1	43.6%
Total	3,692	87.9	100.0%	9,834.5	234.2	100%

106 Year Fire Occurrence



Airplane Usage on Fires

Program	Cessna 185 (53083)	Super Cub (1679P)	Total
Protection	91.3	30.5	121.8
Corps Of Engineers	0	54.6	54.6
Maintenance	2.6	7.3	9.9
Miscellaneous Jobs	.7	0	.7
Suppression	2.9	2.9	5.8
Total Hours	97.5	95.3	192.8
% of Total	50.6%	49.4%	100%

Equipment Usage on Fires

Equipment Use on Fires		
Type	# of Fires	% of Fires
Type 2	4	12%
Type 4	12	36%
Type 5	2	6%
Type 6	10	30%
Type 7	6	18%
ATV	7	21%
UTV	4	12%
Dozer	3	9%
Excavator	1	3%

Pump Use on Fires		
Type	# of Fires	% of Fires
Pressure Pump	4	12%
Filler Pump	4	12%
Slip Tank	2	6%

Detection Report 2016



Time Reported Until Fire Out	
2-3 Days	5
3-5 Days	12
5-10 Days	15
10 Days Plus	1
Total	33

Time Reported Until Arrival	
0-15 minutes	1
15-30 minutes	3
30-60 minutes	7
1 - 1.5 hours	8
1.5 - 3 hours	5
3 - 5 hours	5
5 - 8 hours	0
8 - 12 hours	1
12 - 24 hours	3
Total	33

	Number	Percent
Fire First Discovered By Lookout	3	9.09%
Fire First Discovered By Air Patrol	1	3.03%
Fire First Discovered By Others	24	72.73%
Fire First Discovered By Association Employees	5	15.15%
Total	33	100%

Fuel Classifications

77 Day Statistical Fire Season July 1 - September 15

Fuel Model	Before	Statistical	After	Season Total
(A) Annual Grasslands & Forbs	1	2	1	4
(C) Long Needle Pine with Grass	0	0	0	0
(F) Low Brush & Forbes	0	1	0	1
(G) Natural Heavy Down & Dead	0	1	0	1
(H) Closed Canopy Fir	3	10	0	13
(I) Heavy Slash	1	0	0	1
(J) Medium Slash	2	3	0	5
(K) Light Slash	2	2	1	5
(L) Perennial Grasslands	1	0	0	1
(T) Sagebrush & Grass	0	0	0	0
(U) Pine with Needle Understory	0	2	0	2
Grand Total	10	21	2	33

Fire Occurrence Comparison

	Lightning	Human Caused
106 Year Average	77.37	37.75
2016 Fire Season	18	15

Burning Permits 2016

Type of Burn Permit	Total
Burn Barrel (Residential Solid Waste Disposal)	142
Crop Residue, Pasture and CRP Burning	68
Machine Piled Logging Slash	18
Residential Yard Waste/Orchard Clippings	112
Weed Control	1
Range Land	1
Prescribed Burning	1
Hand Piles	55
2016 Total Burn Permits Issued	398

Monthly Precipitation Comparison 2016

Taken at Elk River, Idaho

	May	June	July	August	September	October
Rainfall (inches)	N/A	0.02	0.78	0	0.97	0.52
63 Year Average	2.50	2.29	0.93	1.08	1.63	3.91
Departure	-2.50	-2.27	-0.15	-1.08	-0.66	-3.39

Taken at Headquarters, Idaho

	May	June	July	August	September	October
Rainfall (inches)	3.13	2.35	2.23	0.4	1.26	9.06
71 Year Average	2.85	2.81	1.27	1.39	1.85	2.72
Departure	0.28	-0.46	0.96	-0.99	-0.59	6.34

Log Production 2016

Total log production from operators holding agreement under Surety Bond:	200,020,501 BF
Total log production from operators under Holdback Option 2:	14,684,058 BF
Total log production from operators under Option 1:	230,996 BF
Total:	214,935,555 BF