

# Clearwater - Potlatch Timber Protective Association



— 2018 Annual Report —

# Report of the Chief Fire Warden

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

I am pleased to present the annual report for January 1, 2018 to December 31, 2018. This report includes the fiscal yearend period July 1, 2017 to June 30, 2018, providing information of the Association's revenues and expenses.

The Association suppressed 43 fires during 2018 for a total of 78.35 acres. Five of those fires were suspicious in nature, with arson suspected as the cause. As of this writing, those fires remain under investigation. Two of the five suspected arson fires, Bano Piles (.1 acres) and Upper Ford (.5 acres), were held to relatively small acreages. The remaining suspicious fires were East Shake (2.1 acres), Brown's Ridge Piles (5.1 acres), and Lacey Meadows (31 acres). After the Lacey Meadows fire escaped initial attack, one home was lost and more structures were threatened. Suppression actions included the use of two LATs (Large Air Tankers) to slow the fire's progress. Due to the complexity of the fire, a Type 3 Incident Management Team was brought in to assume command of the incident. Ultimately, the fire was stopped without any more losses. The Team managed the fire until the complexity was reduced enough to turn the fire back over to the Association. During the suppression of the fire, a Mark III pump and other supplies were stolen.

Early in the season, the office in Headquarters was broken into and a new pickup was stolen. The perpetrator lead local authorities on a high-speed chase before surrendering on the Greer Grade. Fortunately, the vehicle was not damaged during the chase and the responsible person was ordered to pay restitution. In late June, the Bertha Hill Lookout was burglarized along with neighboring Forest Service lookouts. Personal items, Association equipment and historical information were stolen in the burglary. The irreplaceable historical information included a visitor logbook dating back to the 1950s and hand-drawn pictures of the surrounding terrain used to aid in fire detection.

The annual Oregon-Idaho Timber Protective Association meeting was hosted in May by the Southern Idaho Timber Protective Association in McCall, Idaho. These meetings have proven instrumental in discussing issues, challenges, and successes that affect all of the Associations involved. The meeting was well attended and we all look forward to the Douglas Forest Protective Association hosting in Medford, Oregon in 2019.

The Association did not allow burn permits until closed fire season expired in an effort to keep escaped human caused fires at a minimum. This decision was made based upon an above average number of human caused fires during the first part of fire season. I feel this action helped reduce new fire starts as evidenced by the lack of human caused fires in the latter part of closed fire season.

Association employees provided cost savings to the base budget going off district to Texas, Arizona, Colorado, California, Oregon, Tennessee, Florida, and within Idaho. We participated in the local Grangeville Interagency taskforce with overhead, heavy equipment, and a water tender. The C-PTPA Board of Directors allowed me to maintain my credentials by acting as an Incident Commander Type 3 on the taskforce. The GVC Taskforce supported many interagency districts for initial attack and one extended attack fire. The Association used the taskforce on the Cooper Ridge fire that exceeded initial attack resources for a day. Late season, the C-PTPA supported an IDL Maggie Creek escaped prescribed burn with overhead, personnel, and heavy equipment. I served as ICT3 and DIVS to help contain this fire which escaped control during a high wind event.

The hazard management program continues to help the Association members meet hazard rule requirements and give Association permanent and seasonal employees valuable experience. Some of that experience includes installing handlines, pile and broadcast burning, and other hazard reduction activities. This still allows employees to be available for any new fire starts while accomplishing hazard reduction. We had a few broadcast burns in the spring and fall and a good amount of pile burning.

We strive to continue to provide a high-level of forest and resource protection for our customers. To maintain that level of effectiveness, all Association employees must make sacrifices, both at work and personally. These sacrifices are greatly appreciated and deserve acknowledgement and thanks. I would also like to thank the forest industry, co-operating agencies, and private landowners for their support during 2018.

Respectfully submitted,



Len H. Young  
Chief Fire Warden

# C-PTPA Official Directory

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## 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	PotlatchDeltic 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 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.

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.

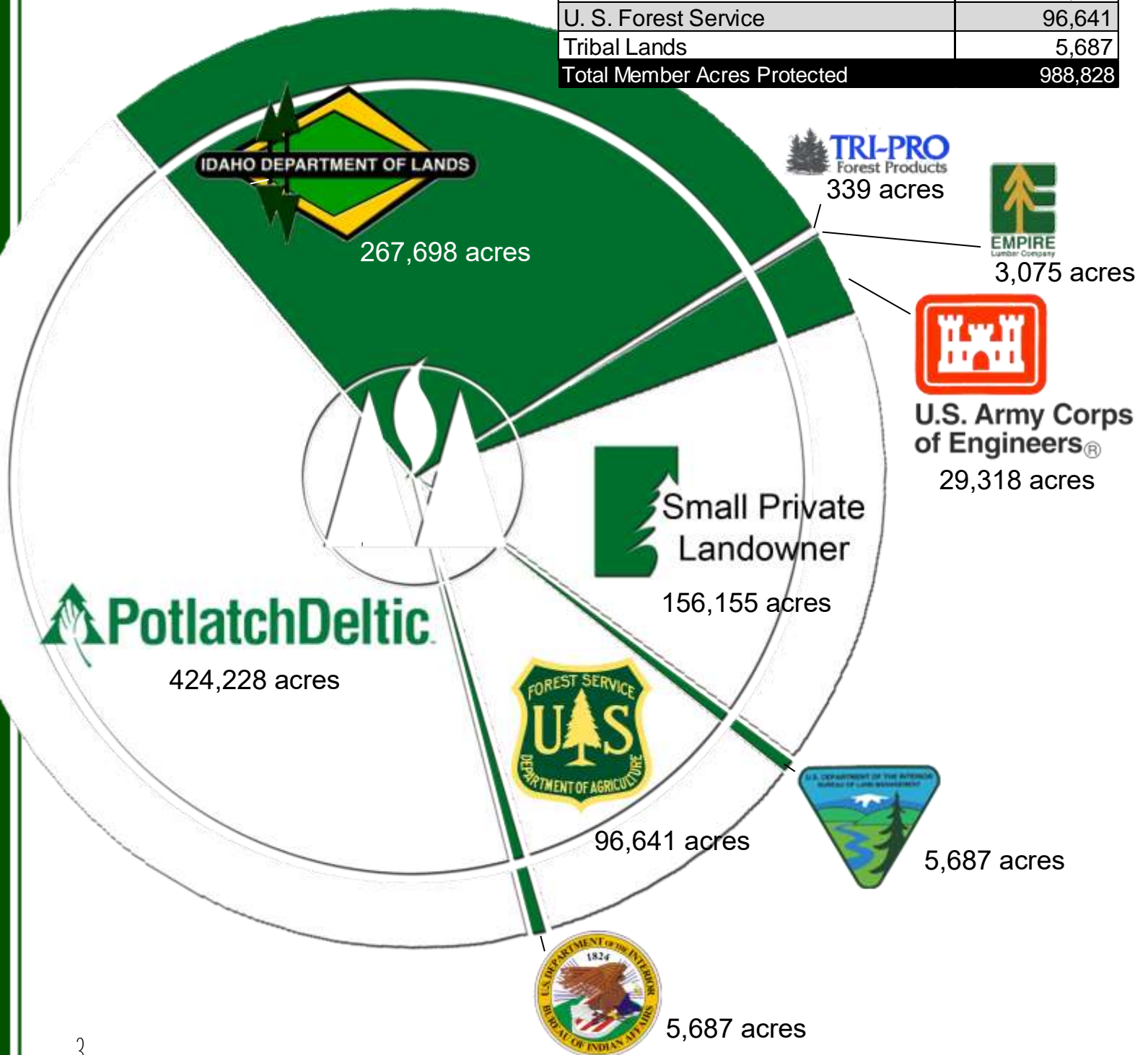
## LEGISLATIVE COMMITTEE

Eric Besaw, State of Idaho



# Landowners and Acres Protected

Member	Acres Protected
PotlatchDeltic Corporation	424,228
State of Idaho – Department of Lands	267,698
Empire Lumber Co.	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
<b>Total Member Acres Protected</b>	<b>988,828</b>



# 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 114 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.

Broadcast burn for the Idaho Department of Lands near Weippe, 2018.

# Fire Season 2018

The 2018 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 on March 12th, with the last fire on the 22nd of October. Although the weather remained relatively hot and dry throughout the season, lightning occurrence was below normal, resulting in far fewer fire starts than an average year.

This year, the C-PTPA had 26 human caused fires for 104% of the allowable standard and burned 78.35 acres for 20.62% of the allowable standard. The human caused fires were debris burns, equipment use, campfires, cigarettes, fireworks, powerline, and miscellaneous.

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 2018
♦ 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 3%
♦ IDL should have no more than 34 human caused fires	♦ C-PTPA should have no more than 25 human caused fires	26 Fires 104%
♦ IDL should burn no more than 864 acres	♦ C-PTPA should burn no more than 380 acres	78.35 Acres 20.62%

## 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	0	2	11	15	3	0	31
August	0	1	4	11	12	3	31
September	0	1	12	2	0	0	15
	0	4	27	28	15	3	77

# Aircraft

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During the 2018 fire season, the Association contracted a Bell 206 L-3 Helicopter on 10-minute standby from Hillcrest Aviation. The exclusive use contract begins July 1st and ends September 27th. This agreement also allows the Association the flexibility to get other aircraft when necessary.

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. The SEATS and Fire Bosses were all used on the Lacey Meadows Fire.

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 48.4 hours that included:

- presuppression – 14.0 hours
- fire suppression – 34.4 hours

24,148 gallons of water were dropped at an estimated delivery cost of \$2.56 per gallon.

## Cooperative Agreement

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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

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The contract with the Corps of Engineers to provide additional protection services was continued for the 2018 fire season. This agreement provides for a daily boat patrol and an aerial patrol of the Dworshak 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 2018, there was one fire on Corps of Engineers property that burned .1 acres.

## Hazard Management

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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 2018.

## Equipment Replacement and Improvements

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### Inventory Added (DDOD/FEPP):

- (7) Miller Portable Welders
- (4) Conex Shipping Containers
- (1) 2002 Caterpillar D5M
- (1) Terex Forklift
- (1) Air Compressor
- (1) 1966 Kaiser-Jeep 6x6 Truck (FEPP)

Inventory Added (Commercial/Private):  
None

### Inventory Excessed (FEPP):

None

### Inventory Sold Privately:

- (2) Mack Dump Trucks
- (4) 5 Ton Military Trucks
- (1) Caterpillar D7G



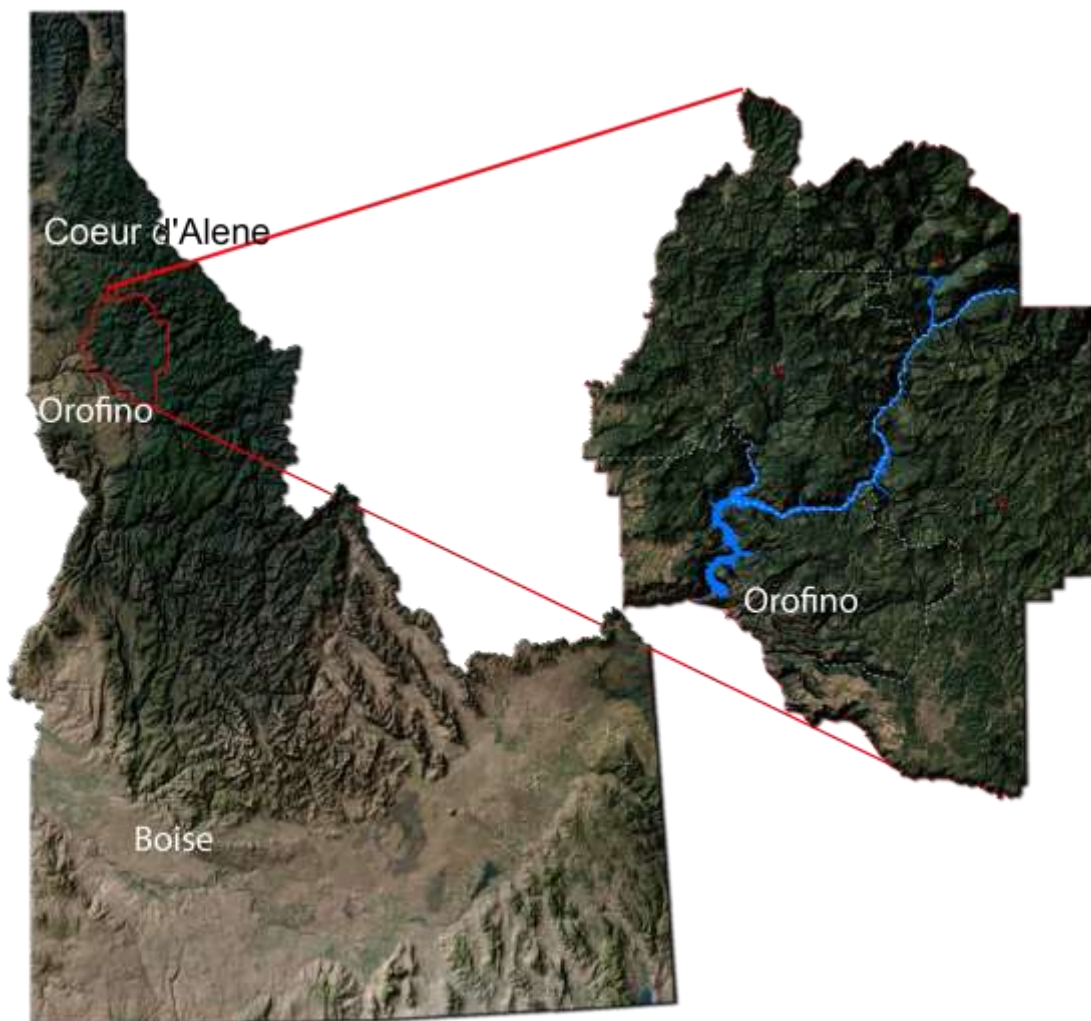
# Acres and Assessment of Members

7/1/2017 to 6/30/2018

Member	Acres	\$.60 Assessment
Empire Lumber Company	3,075	\$1,845.00
Tri-Pro Forest Products	339	\$203.40
PotlatchDeltic Corporation	424,228	\$254,536.80
State of Idaho	267,698	\$160,618.80
Federal Agencies	102,328	\$61,396.98
*Corps of Engineers	29,318	\$48,374.70
**Small Private Landowners	156,155	\$161,926.00
1st. Assessment Levied 7/1/2017	983,141	\$690,738.28

\*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, 2018

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## Assets

### Current Assets

Cash	\$744,041
Receivables	\$191,322
Inventory	\$118,163
Prepaid Expenses	\$52,546
Total Current Assets	\$1,106,072

### Property and Equipment, net of accumulated

Depreciation of \$2,657,380	\$1,004,986
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Total Assets	\$2,111,058
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## Liabilities and Net Assets

### Current Liabilities

Accounts payable	\$159,679
Deferred Revenue	\$3,761

Total Current Liabilities	\$163,440
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### Long-Term Liabilities

Net Pension Liability	\$453,000
Total Long-Term Liabilities	\$453,000

Total Liabilities	\$616,440
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### Net Assets

Unrestricted	\$1,436,820
Temporarily Restricted	\$57,798

Total Net Assets	\$1,494,618
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Total Liabilities and Net Assets	\$2,111,058
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# 2018 Fires

Date	Fire #	Fire Name	Area	Latitude	Longitude	Acres	Cost	Fuel Model	Landowner	General Cause	Size Class
3/12/2018	99001	Ahsahka Beach	OR	N46 29.983	W116 18.694	0.1	\$368.68	Fuel Model 3 - Tall Grass (2.5)	Railroad	Miscellaneous	a
4/21/2018	99002	Neva Powerline	ER	N46 47.982	W116 18.364	0.1	\$2,015.85	Fuel Model 10 - Timber Litter & Understory	PotlatchDeltic	Miscellaneous	a
5/3/2018	99003	Old Ahsahka Grade	OR	N46 31.723	W116 21.411	0.73	\$750.34	Fuel Model 2 - Timber & Grass	Private	Debris Burning	b
5/3/2018	99004	South Fork Plantation Unit	ER	N46 49.028	W115 57.681	27.7	\$15,734.50	Fuel Model 2 - Timber & Grass	IDL	Miscellaneous	c
5/7/2018	99005	Breakfast Creek	BC	N46 53.055	W115 55.632	0.1	\$2,412.06	Fuel Model 8 - Closed Timber Litter	COE	Lightning	a
5/26/2018	99006	Jaype Loop	HQ	N46 31.530	W115 48.240	0.1	\$1,339.14	Fuel Model 11 - Light Logging Slash	PotlatchDeltic	Lightning	a
5/25/2018	99007	Bano Piles	HQ	N46 34.170	W115 49.460	0.1	\$5,448.16	Fuel Model 11 - Light Logging Slash	PotlatchDeltic	Arson	a
5/27/2018	99008	East Fork White Creek	OR	N46 37.345	W116 02.835	0.1	\$2,808.81	Fuel Model 10 - Timber Litter & Understory	COE	Lightning	a
6/2/2018	99009	East Shake	OR	N46 24.814	W115 59.159	2.1	\$39,020.95	Fuel Model 12 - Medium Logging Slash	Private	Arson	b
6/8/2018	99010	Brown's Ridge Pile	HQ	N46 20.671	W115 50.677	5.1	\$17,774.30	Fuel Model 13 - Heavy Logging Slash	IDL	Arson	b
6/22/2018	99011	Boathouse Dropoff	ER	N46 45.401	W115 58.806	0.1	\$3,910.28	Fuel Model 10 - Timber Litter & Understory	IDL	Lightning	a
7/6/2018	99012	Upper Ford	HQ	N46 26.495	W115 54.997	0.5	\$7,822.53	Fuel Model 2 - Timber & Grass	PotlatchDeltic	Arson	b
7/9/2018	99013	Baldy Junction Feller Buncher	ER	N46 39.974	W116 07.635	0.1	\$2,384.67	Fuel Model 12 - Medium Logging Slash	PotlatchDeltic	Equipment Use	a
7/12/2018	99014	Stump Farm	HQ	N46 26.492	W115 54.992	0.1	\$2,940.65	Fuel Model 2 - Timber & Grass	PotlatchDeltic	Lightning	a
7/17/2018	99015	Brittany	OR	N46 30.318	W116 12.833	1.2	\$1,533.07	Fuel Model 3 - Tall Grass (2.5)	Private	Debris Burning	b
7/17/2018	99016	HWOD	ER	N46 45.434	W116 01.169	0.1	\$2,781.61	Fuel Model 12 - Medium Logging Slash	PotlatchDeltic	Debris Burning	a
7/21/2018	99017	Freemen Creek	OR	N46 34.768	W116 17.010	0.2	\$3,501.03	Fuel Model 11 - Light Logging Slash	COE	Debris Burning	a
7/27/2018	99018	Crescendo	BC	N46 56.430	W115 46.720	0.25	\$35,467.19	Fuel Model 5 - Brush (2')	USFS	Lightning	a
7/27/2018	99019	North Dick's	OR	N46 38.830	W116 22.368	1	\$17,544.79	Fuel Model 11 - Light Logging Slash	PotlatchDeltic	Equipment Use	b
7/28/2018	99020	Lacey Meadows	HQ	N46 20.592	W115 52.719	31	\$80,826.10	Fuel Model 12 - Medium Logging Slash	Private	Arson	c
7/28/2018	99021	Timber Creek	BC	N46 59.984	W115 53.883	1	\$27,468.06	Fuel Model 2 - Timber & Grass	PotlatchDeltic	Lightning	b
7/28/2018	99022	White Rock Springs	BC	N46 59.498	W116 05.683	0.31	\$11,293.74	Fuel Model 10 - Timber Litter & Understory	USFS	Lightning	b
7/28/2018	99023	Last Inch 2	BC	N46 59.392	W115 59.614	0.25	\$5,177.56	Fuel Model 2 - Timber & Grass	USFS	Lightning	a
8/2/2018	99024	Wet Power	OR	N46 30.026	W116 19.022	0.1	\$1,078.74	Fuel Model 1 - Short Grass (1")	IDFG	Miscellaneous	a
8/3/2018	99025	Dent Tree	OR	N46 32.975	W116 09.278	0.1	\$1,700.40	Fuel Model 10 - Timber Litter & Understory	Private	Miscellaneous	a
8/6/2018	99026	Old Ahsahka Grade 2	OR	N46 31.723	W116 21.412	0.25	\$1,169.04	Fuel Model 2 - Timber & Grass	Private	Equipment Use	a
8/7/2018	99027	North Richard 2	OR	N46 38.780	W116 22.490	0.1	\$4,483.51	Fuel Model 12 - Medium Logging Slash	PotlatchDeltic	Equipment Use	a
8/18/2018	99028	Weaver Ridge	HQ	N46 25.302	W115 45.995	0.1	\$10,507.45	Fuel Model 8 - Closed Timber Litter	IDL	Lightning	a
8/18/2018	99029	Flat Creek	HQ	N46 27.857	W115 50.857	1	\$6,299.96	Fuel Model 3 - Tall Grass (2.5)	PotlatchDeltic	Lightning	b
8/18/2018	99030	Witcher	HQ	N46 18.602	W115 53.703	0.1	\$5,120.13	Fuel Model 10 - Timber Litter & Understory	IDL	Lightning	a
8/18/2018	99031	Crane	HQ	N46 18.602	W115 48.170	0.3	\$6,914.42	Fuel Model 12 - Medium Logging Slash	IDL	Lightning	a
8/19/2018	99032	Rudo Creek	OR	N46 29.150	W116 00.800	0.1	\$4,587.27	Fuel Model 8 - Closed Timber Litter	PotlatchDeltic	Lightning	a
8/19/2018	99033	Black Gold	HQ	N46 29.300	W115 53.050	0.25	\$10,514.10	Fuel Model 10 - Timber Litter & Understory	PotlatchDeltic	Lightning	a
8/19/2018	99034	Cooper Ridge	OR	N46 27.547	W116 04.870	1	\$17,079.61	Fuel Model 2 - Timber & Grass	PotlatchDeltic	Lightning	b
9/19/2018	99035	East Snake Feller Buncher	ER	N46 41.955	W116 20.840	0.1	\$3,217.73	Fuel Model 12 - Medium Logging Slash	PotlatchDeltic	Equipment Use	a
9/21/2018	99036	Bedbug	OR	N46 39.685	W116 23.303	0.1	\$1,478.18	Fuel Model 12 - Medium Logging Slash	PotlatchDeltic	Equipment Use	a
10/4/2018	99037	27	HQ	N46 28.314	W115 49.616	0.1	\$2,400.09	Fuel Model 2 - Timber & Grass	PotlatchDeltic	Lightning	a
10/13/2018	99038	Meadow Cr.	ER	N46 43.054	W116 15.351	0.75	\$6,703.01	Fuel Model 2 - Timber & Grass	PotlatchDeltic	Campfire	b
10/17/2018	99039	Brown's Camp Creek	OR	N46 40.260	W116 19.662	0.66	\$8,222.79	Fuel Model 11 - Light Logging Slash	PotlatchDeltic	Campfire	b
10/18/2018	99040	Park	ER	N46 43.902	W116 25.770	0.1	\$1,473.71	Fuel Model 2 - Timber & Grass	PotlatchDeltic	Equipment Use	a
10/19/2018	99041	Holiday	ER	N46 37.442	W116 12.338	0.2	\$2,419.10	Fuel Model 2 - Timber & Grass	Private	Miscellaneous	a
10/21/2018	99042	Dent Marker 3	OR	N46 29.903	W116 12.883	0.5	\$609.30	Fuel Model 9 - Hardwood/Long Leaf Pine Litter	Private	Debris Burning	b
10/22/2018	99043	Camp Snake	HQ	N46 35.863	W115 52.457	0.1	\$2,828.59	Fuel Model 10 - Timber Litter & Understory	PotlatchDeltic	Campfire	a

Date	Date of Fire	Landowner	Landowner
Fire Number	Fire Number		PC - PotlatchDeltic
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

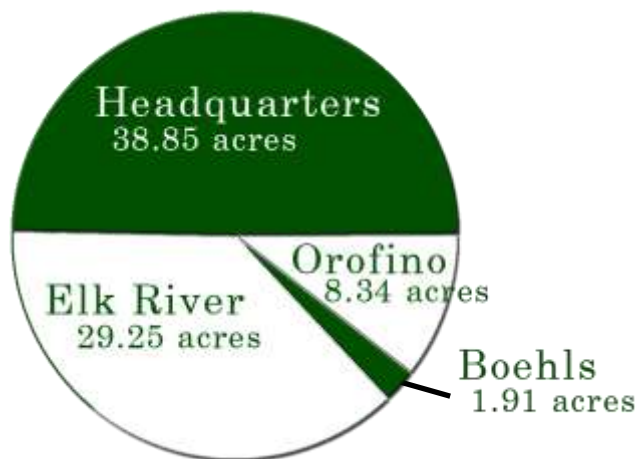
# Fire Season Information

## Fire Type By Landowner

Landowner	Lightning	Campfire	Debris Burning	Equipment Use	Arson	Misc.	Fireworks
PotlatchDeltic Corporation	8	3	1	6	2	1	0
Idaho Department of Lands	4	0	0	0	1	1	0
U.S. Forest Service	3	0	0	0	0	0	0
Idaho Fish and Game	0	0	0	0	0	1	0
Private	0	0	3	1	2	2	0
Railroad	0	0	0	0	0	1	0
Corps of Engineers	2	0	1	0	0	0	0
<b>Totals</b>	<b>17</b>	<b>3</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>6</b>	<b>0</b>

## Fire Type By Month

Month	Fireworks	Lightning	Campfire	Debris Burning	Equipment Use	Arson	Misc.
March	0	0	0	0	0	0	1
April	0	0	0	0	0	0	1
May	0	3	0	1	0	1	1
June	0	1	0	0	0	2	0
July	0	5	0	3	2	2	0
August	0	7	0	0	2	0	2
September	0	0	0	0	2	0	0
October	0	1	3	1	1	0	1
<b>Totals</b>	<b>0</b>	<b>17</b>	<b>3</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>6</b>



Acres Burned Per Camp



Fires Per Camp

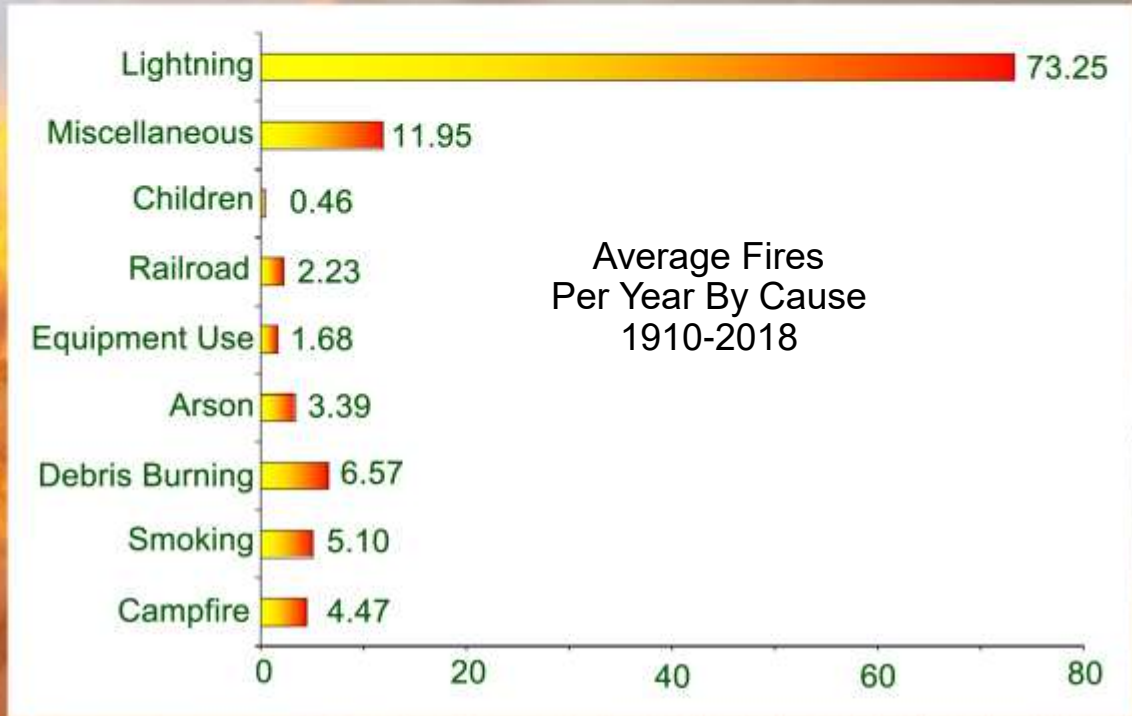
# 40 Year Fire History

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		
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	10.7	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
	1,018	0	1,777	201.1	547	915.6	54	1,540.9	9	1,332.0	3	1,476.0	3	4,288.0	3,411	9,753.6

Size Class Code	Fires			Acres		
	Total	Average/Year	% of Total	Total	Average/Year	% of Total
(S) Spot	1,018	24.2	29.8%	0.0	0.0	0.0%
(A) .25 or less	1,777	42.3	52.1%	201.1	4.8	2.1%
(B) .26 through 9.9	547	13.0	16.0%	915.6	21.8	9.4%
(C) 10 through 99.9	54	1.3	1.6%	1,540.9	36.7	15.8%
(D) 100 through 299.9	9	0.2	0.3%	1,332.0	31.7	13.7%
(E) 300 through 999.9	3	0.1	0.1%	1,476.0	35.1	15.1%
(F) 1000 through 4999.9	3	0.1	0.1%	4,288.0	102.1	44.0%
<b>Total</b>	<b>3,411</b>	<b>81.2</b>	<b>100.0%</b>	<b>9,753.6</b>	<b>232.2</b>	<b>100%</b>

# 113 Year Fire Occurrence

8,221  
67.04%



Lightning  
Campfire  
Smoking  
Debris Burning  
Arson  
Equipment Use  
Railroad  
Children  
Miscellaneous

504  
4.11%

571  
4.66%

741  
6.04%

385  
3.14%

195  
1.59%

250  
2.04%

51  
.42%

1,344  
10.96%

## Airplane Usage on Fires

Program	Cessna 185 (53083)	Super Cub (1679P)	Total
Protection	63.3	88.6	151.9
Corps Of Engineers	0	42.4	42.4
Maintenance	4.5	3.8	8.3
IDL Arson Investigation	15.8	0	15.8
Suppression	6	1.4	7.4
Total Hours	89.6	136.2	225.8
% of Total	40%	60%	100%

## Equipment Usage on Fires

Pump Use on Fires		
Type	# of Fires	% of Fires
Pressure Pump	3	7%
Filler Pump	6	14%
Slip Tank	0	0

Equipment Use on Fires		
Type	# of Fires	% of Fires
Type 2	4	9%
Type 4	9	21%
Type 5	2	5%
Type 6	37	86%
Type 7	14	33%
ATV	6	14%
UTV	8	19%
Dozer	7	16%
Excavator	3	7%
Transports	9	21%

# Detection Report 2018

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Time Reported Until Arrival	
0 - 15 Minutes	2
15 - 30 Minutes	2
30 - 60 Minutes	5
1 - 1.5 Hours	4
1.5 - 3 Hours	4
3 - 5 Hours	6
8 - 12 Hours	3
12 - 24 Hours	5
24 Hours Plus	12
<b>Total</b>	<b>43</b>

Time Reported Until Fire Out	
1 - 2 Days	2
2 - 3 Days	3
3 - 5 Days	8
5 - 10 Days	10
10 Days Plus	20
<b>Total</b>	<b>43</b>

	Fires	Percent
Fire Reported By Public To 911	8	18.60%
Fire Reported By Agency Personnel	6	13.95%
Fire Reported By Agency Aircraft	8	18.60%
Fire Reported By Person Starting Fire	2	4.65%
Fire Reported By Public Report To Agency	16	37.21%
Fire Reported By Unknown	3	6.98%
<b>Total</b>	<b>43</b>	<b>100.00%</b>



# Burn Permits 2018

Type of Burn Permit	Total
Burn Barrel (Residential Solid Waste Disposal)	107
Crop Residue, Pasture and CRP Burning	55
Residential Yard Waste/Orchard Clippings	164
Weed Control Along Ditch Banks and Fence Lines	4
Machine Piled Logging Slash	10
Hand Piled Logging Slash	61
<b>2018 Total Burn Permits Issued</b>	<b>401</b>

# Fire Occurrence Comparison

	Lightning	Human Caused
108 Year Average	76.16	37.42
2018 Fire Season	17	26

# Fuel Classifications

## 77 Day Statistical Fire Season July 1 - September 15

Fuel Model	Before	Statistical	After	Season Total
Fuel Model 1 - Short Grass	0	1	0	1
Fuel Model 2- Timber and Grass	2	6	4	12
Fuel Model 3 - Tall Grass	1	2	0	3
Fuel Model 4 - Chaparral	0	0	0	0
Fuel Model 5 - Brush	0	1	0	1
Fuel Model 6 - Dormant Brush/Hardwood Slash	0	0	0	0
Fuel Model 7 - Southern Rough	0	0	0	0
Fuel Model 8 - Closed Timber Litter	1	2	0	3
Fuel Model 9 - Hardwood/Long Leaf Pine Litter	0	0	1	1
Fuel Model 10 - Timber Litter and Understory	3	4	1	8
Fuel Model 11 - Light Logging Slash	2	2	1	5
Fuel Model 12 - Medium Logging Slash	1	5	2	8
Fuel Model 13 - Heavy Logging Slash	1	0	0	1
<b>Grand Total</b>	<b>11</b>	<b>23</b>	<b>9</b>	<b>43</b>

# Monthly Precipitation Comparison 2018

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## Taken at Elk River, Idaho

	May	June	July	August	September	October
Rainfall (inches)	1.46	1.89	0.12	0.81	0.1	2.48
65 Year Average	2.41	2.23	0.89	1.04	1.61	3.83
Departure	-0.95	-0.34	-0.77	-0.23	-1.51	-1.35

## Taken at Headquarters, Idaho

	May	June	July	August	September	October
Rainfall (inches)	3.8	3.5	1.5	1.0	2.0	3.2
72 Year Average	2.79	2.74	1.24	1.35	1.83	2.72
Departure	1.01	0.76	0.26	-0.35	0.17	0.48

# Log Production 2018

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Total log production from operators holding agreement under Surety Bond:	147,012,030 BF
Total log production from operators under Holdback Option 2:	9,999,510 BF
Total log production from operators under Option 1:	164,270 BF
<b>Total:</b>	<b>157,175,810 BF</b>

