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Combined Annual Report

Potlatch Timber Protective Association,

1929-1930



OFFICERS

- A. W. LAIRD, Potlatch, Idaho - - - - - President
- BEN E. BUSH, Moscow, Idaho - - - - - Vice President
- W. D. HUMISTON, Potlatch, Idaho - - - - - Secretary-Treasurer
- R. L. WOESNER, Moscow, Idaho - - - - - Fire Warden

DIRECTORS

- A. W. LAIRD BEN E. BUSH G. A. RUBEDREW
- C. B. SANDERSON C. L. BILLINGS

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Combined Annual Report

Potlatch Timber

Protective Association

1929-1930



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- BEN E. BUSH, Moscow, Idaho - - - - - Vice President
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- A. W. LAIRD BEN E. BUSH G. A. RUBEDREW
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OFFICIAL DIRECTORY
 Potlatch Timber Protective Association
 Potlatch, Idaho

1930

A. W. LAIRD, President - - - - - Potlatch, Idaho
 BEN E. BUSH, Vice President - - - - - Moscow, Idaho
 W. D. HUMISTON, Secretary-Treasurer - - - - - Potlatch, Idaho
 R. L. WOESNER, Chief Fire Warden - - - - - Moscow, Idaho

DIRECTORS

A. W. LAIRD - - - - - Potlatch, Idaho
 BEN E. BUSH - - - - - Moscow, Idaho
 G. A. RUBEDREW - - - - - Post Falls, Idaho
 C. B. SANDERSON - - - - - Seattle, Wash.
 C. L. BILLINGS - - - - - Lewiston, Idaho

COMMITTEE ON FOREST PROTECTION

W. D. HUMISTON, Chairman - - - - - Potlatch, Idaho
 G. A. RUBEDREW - - - - - Post Falls, Idaho
 A. E. DOUGLAS - - - - - St. Maries, Idaho

AUDITING COMMITTEE

BEN E. BUSH, Chairman - - - - - Moscow, Idaho
 A. E. DOUGLAS - - - - - St. Maries, Idaho
 G. A. RUBEDREW - - - - - Post Falls, Idaho

COMMITTEE ON LEGISLATION

W. D. HUMISTON, Chairman - - - - - Potlatch, Idaho
 C. L. BILLINGS - - - - - Lewiston, Idaho
 G. A. RUBEDREW - - - - - Post Falls, Idaho

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1929/30

FIRE WARDEN'S COMBINED ANNUAL REPORT

1929 and 1930

Covering the Potlatch Forest Protective District, Idaho.

Potlatch, Idaho, November 30, 1930.

State Forester,
State Cooperative Board of Forestry, and
Potlatch Timber Protective Association:

Gentlemen:

I herewith submit my report covering activities in connection with forest protection within the Potlatch Forest Protective District for the years 1929 and 1930.

The fire season of 1929 was the longest and driest of record in this District and our burned-over area and the damage suffered was greater than in any season since 1919. The largest number of fires during any one season occurred this year.

The summer of 1930 was a much better season from a forest protection standpoint, however, as weather conditions were much more favorable. Consequently, there were fewer fires and little damage to forest growth resulted.

CHANGE IN BOUNDARIES OF DISTRICT

A change in the north boundary of that part of the District within the Palouse Division of the St. Joe National Forest was made in 1929. This change of boundary eliminates 8,935 acres of land lying within the Hangman Creek watershed from this District. The object of this boundary change was to bring the north boundary of this District to the summit of the Palouse-St. Maries Divide.

GENERAL PREPARATION

General preparations for the fire season were started the first of May in 1929 and 1930, since we expected early fire seasons both years.

Our summer headquarters at Elk River was opened and a few men were put to work getting in the pack stock which are wintered on the Snake River, in Washington, and in getting tools, camp equipment, etc., ready for the annual trail and telephone maintenance work, which is usually completed before the beginning of the fire season.

MAINTENANCE OF IMPROVEMENTS

We have about 600 miles of roads and trails, 200 miles of telephone lines, 25 buildings, and a number of lookout towers to maintain each year. A good deal of the work on the buildings, towers, etc., is done at odd times by the men occupying them dur-

ing the fire season, but most of our road, trail and telephone maintenance work is done by special crews of from four to seven men each, just before the beginning of the fire season. This work was started both in 1929 and 1930 shortly after May 1 and pretty well completed by July 1.

NEW IMPROVEMENTS

1929

Trails

One and one-half miles of new trail was built between Elk River and Upper Elk Basin, in Township 41 North, Range 2 East, along the Potlatch Lumber Company's main line logging road and parallel to our old trail, which has now been abandoned on account of steep grades.

Three miles of trail was built in the Upper Palouse River country and about one and one-half miles between Finn's Cabin, in Township 41 North, Range 5 East, and the Charles Smith Lookout Station, making a total of six miles of new trail completed in 1929.

Lookout Development

A new lookout tower 50 feet high was built at Jackson Lookout in Section 12, Township 41 North, Range 1 East.

Headquarters Improvements

An electric light line about three-quarters of a mile in length, running from the town of Elk River to Association Headquarters, was constructed and six buildings were wired for electric light.

An automatic electric water pump was also installed to furnish water for Headquarters use.

A saddle room 16x16 feet and a woodshed 16x20 feet were also completed during their spare time by the men stationed at Headquarters.

NEW IMPROVEMENTS

1930

Trails

Four and one-half miles of new trail was built between the Grice trail and Freezeout, in Township 42 North, Range 3 East.

One and one-half miles of new trail at the lower end of Grice trail, in Township 41 North, Range 3 East was constructed.

Three and one-half miles of trail was built between Finn's Cabin and the Charles Smith Lookout Station, in Township 41 North, Range 5 East.

Four miles of trail between Shattuck Creek in Township 40 North, Range 2 East, and the Jackson Lookout was completed.

Two and one-half miles of trail was built between the Sand Creek Lookout and the Palouse River in Township 42 North, Range 2 West.

Six miles of trail on Sand Creek, in Township 42 North,

Range 2 West and two miles of road, between the Cougar Meadow road and Beals Butte, in Township 42 North, Range 1 West, was also completed.

Telephone Lines

The following new telephone lines were constructed:

Two and one-half miles between a new Forest Service line at the head of Emerald Creek and the Snow Cap Lookout in Section 7, Township 42 North, Range 1 West;

One mile along the Dent Road, in Township 38 North, Range 3 East; this is a branch line off the Headquarters-Big Island line.

Headquarters Improvements

Two power tool grinding outfits were installed this year, one at Elk River Headquarters, the other at our Eovill Warehouse. Each of these units consists of a one horse-power Century motor, a grindstone stand and an emery stand, with shafting, pulleys, etc.

SLASH DISPOSAL

1929

A very small amount of slash was disposed of during the closed season of 1929, owing to the exceedingly dry weather which prevailed throughout the entire summer. Only twenty burning permits were issued, which covered the burning of approximately 200 acres of land clearing slash. Many were denied permits during the closed season this year as it was considered too dangerous in most localities to do any burning. A large amount of clearing slash was disposed of late in the fall, however, after the closed season, as we had a very late, dry fall, with the result that little slash of this character was carried over into 1930.

An area of about 5,000 acres of logging slash was disposed of during the late fall, but, as the period during which burning could be safely done was so short, much of this kind of slash was carried over.

The Association disposed of some 200 acres of slash which had been neglected by the operators responsible, the cost being borne by the operators.

SLASH DISPOSAL

1930

Ninety burning permits were issued this year during the closed season, about 900 acres of land clearing slash and 1,000 acres of logging slash being disposed of under permit.

As the spring of 1930 was dry, not much headway was made toward slash disposal during that part of the year, and in view of the fact that there was considerable logging slash carried over from 1929, there was quite an accumulation of slash by the fall of 1930. The fall of 1930 has been fairly favorable for this work and operators in this district have taken advantage of this condition and some 10,000 acres have been pretty well taken care of.

There is still considerable logging slash which will be carried over into 1931, as wet weather set in and made burning difficult before all of the accumulated slash had been completely disposed of.

PUBLICITY

The usual amount of publicity work was carried on. This consisted of posting fire-warnings, no-smoking signs, etc., in conspicuous places, and pamphlets containing camping rules, forestry laws, regulations, etc., were widely distributed.

The Federal Forest Service also covered most of our District delivering lectures to school children and the general public on fire prevention. These lectures were illustrated by lantern slides, motion pictures, etc.

The North Idaho Forestry Association, in cooperation with the United States Forest Service and the Idaho State Chamber of Commerce, employed two men who visited the principal towns in the District during the season of 1929, lecturing on fire prevention and showing a series of moving pictures along these lines.

Many people of this locality were reached by this publicity and it is thought that a great deal toward educating the general public along fire prevention lines was accomplished.

WHITE PINE BLISTER RUST CONTROL

White Pine Blister Rust was found to be well established in this District in 1929. Pines infected with the disease at two different points six or eight miles apart were found.

As a protective measure forty-five men were employed on the eradication of wild currants of the stream-bottom type in 1929 and seventy-five men were employed on the work in 1930.

This work was confined to the White Pine areas of the District and it is estimated that about seventy-five per cent of the area of this particular type of land in the District was covered during the past two years of eradication work.

This work was carried on by the United States Department of Agriculture, Office of White Pine Blister Rust Control, this Association cooperating to the extent of contributing \$10,000.00 each year toward the cost of doing the eradication work.

CLIMATIC CONDITIONS

1929

Weather conditions during the season of 1929 were very unfavorable. We started the season with an accumulated deficiency in precipitation for the past several years and a very dry season extending late into the fall. We had a few light showers in May and two rains in June, the good effects of which were soon dissipated by the drying winds which followed.

Although our precipitation records show a greater rainfall during the season than for some of our driest seasons of the past,

conditions were much worse in the woods this year than during any previous season of record. Streams were lower than ever before and forest material was much more inflammable than usual this year.

We had an unusual amount of wind with fairly high temperatures and low humidity most of the summer. The usual number of electric storms were experienced, but, owing to the higher fire hazard existing, about double the usual number of lightning fires occurred. The dry period began early in May and lasted until December 10, making it the longest fire season ever experienced.

WEATHER REPORT FOR 1929 SEASON, OBSERVATIONS TAKEN AT ELK RIVER, IDAHO.

For Week Ending	Average Minimum Temperature (Degrees)	Average Maximum Temperature (Degrees)	Average Minimum Humidity (Per Cent)	Average Maximum Humidity (Per Cent)	Precipitation for Week (Inches)	Precipitation to Date (Inches)
May 11	35	60	No Data	No Data	.39	.39
May 18	39	67	24	90	.13	.52
May 25	42	74	24	82	.17	.69
June 1	43	65	44	96	.22	.91
June 8	46	63	44	79	.46	1.37
June 15	50	71	55	92	1.64	3.01
June 22	42	64	43	90	.44	3.45
June 29	44	80	23	72	.....	3.45
July 6	45	80	26	68	.....	3.45
July 13	45	82	26	72	.12	3.57
July 20	51	85	31	77	.....	3.57
July 27	41	85	20	76	.....	3.57
August 3	43	95	16	83	.....	3.57
August 10	45	88	14	80	.....	3.57
August 17	43	90	12	84	.....	3.57
August 24	41	83	19	78	.....	3.57
August 31	53	93	19	81	.14	3.71
September 7	37	70	22	80	.....	3.71
September 14	40	79	25	90	.....	3.71
September 21	40	76	26	90	.....	3.71
September 28	38	56	45	93	.17	3.88
October 5	33	71	22	96	.10	3.98
AVERAGE FOR SEASON	43	76	28	83	TOTAL FOR SEASON	3.98

CLIMATIC CONDITIONS

1930

Climatic conditions were much more favorable during 1930 than in 1929. Although we had a light snow-fall during the winter of 1929 and 1930, and had very little rain during the early spring, we received enough rain throughout the late spring and summer to make moisture conditions in the woods almost ideal throughout most of the season. We had much lower temperatures, with higher humidity and a good deal less wind this year than last.

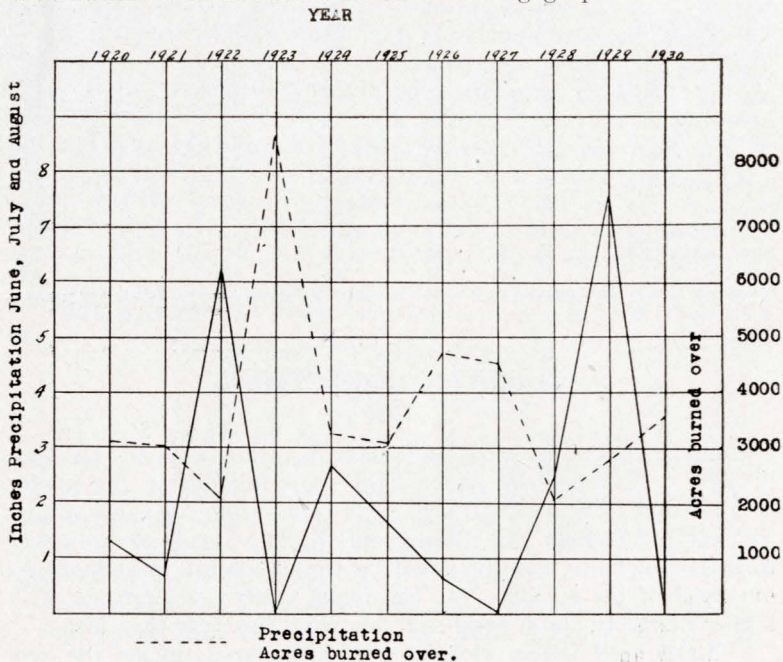
Some very severe electric storms occurred during the sea-

son, but did less damage than usual, due to the fact that moisture conditions were better than for some years past and also because these storms usually brought rain with them. These rains put out many of the fires set by lightning before any damage resulted.

The fire hazard is probably most affected by the amount of rain received during the months of June, July and August and its distribution during that period. A high fire hazard will develop with a light rainfall during this period regardless of the amount of precipitation received throughout the remainder of the year.

The following graph which shows the acreage burned over each year with relation to the amount of rainfall received during this period for the past eleven years clearly indicates this to be true. This graph, however, shows the peak in burned-over area to have been reached in 1929, while the rainfall for that period was greater than for 1922 or 1928. This is accounted for by the fact that most of the rain received in the season of 1929 came in one cloudburst in June and, therefore, did not have the beneficial effect the same amount would have had if better distributed, and by the unprecedented dry fall of that year.

About sixty-eight per cent of the area burned over in 1929 was burned by incendiary fires during October, which is usually a wet month and is after the end of the statutory closed season. It is thought these peculiar conditions existing in 1929 are responsible for the discrepancy between amount of precipitation and area burned over as shown in the following graph:



**WEATHER REPORT FOR 1930 SEASON. OBSERVATIONS TAKEN
AT ELK RIVER, IDAHO.**

For Week Ending	Average Minimum Temperature (Degrees)	Average Maximum Temperature (Degrees)	Average Minimum Humidity (Per Cent)	Average Maximum Humidity (Per Cent)	Precipitation for Week (Inches)	Precipitation to Date (Inches)
May 17	39	73	30	93	.00	.00
May 24	38	61	53	96	1.67	1.67
May 31	41	67	51	96	.80	2.47
June 7	43	69	34	97	.72	3.19
June 14	39	75	24	94	.00	3.19
June 21	43	77	40	96	1.10	4.29
June 28	42	73	37	96	.26	4.55
July 5	44	81	25	95	.05	4.60
July 12	53	89	31	94	.59	5.19
July 19	43	84	29	95	.29	5.48
July 26	45	87	20	95	.00	5.48
August 2	47	89	19	95	.02	5.50
August 9	50	94	27	96	.00	5.50
August 16	57	88	30	95	.00	5.50
August 23	47	87	28	96	.58	6.08
August 30	41	86	18	95	.00	6.08
September 6	44	82	23	96	.10	6.18
September 13	48	72	57	97	.72	6.90
September 20	42	78	27	96	.00	6.90
September 27	39	68	42	96	.70	7.60
October 4	46	66	45	96	.00	7.60
AVERAGE FOR SEASON	45	78	33	95	TOTAL FOR SEASON	7.60

**SUMMARY OF WEATHER REPORTS FOR LAST 19 YEARS
1912 to 1930.**

Year	PRECIPITATION BY MONTHS					Total Precipitation for Season (Inches)	Average Temperature (Degrees)	Average Maximum Temperature (Degrees)	Average Humidity (Per Cent)	Average Minimum Humidity (Per Cent)
	May	June	July	Aug.	Sept.					
1912.....	No Data	1.14	.72	2.43	No Data	4.29	54	87	No Data	No Data
1913.....	No Data	2.87	.81	.88	No Data	4.56	47	82	No Data	No Data
1914.....	No Data	2.09	.51	.09	No Data	2.69	48	83	No Data	No Data
1915.....	No Data	2.30	1.74	.31	No Data	4.35	46	81	No Data	No Data
1916.....	No Data	1.96	3.11	1.46	No Data	6.53	45	77	No Data	No Data
1917.....	No Data	.54	.01	.00	No Data	.55	45	77	No Data	No Data
1918.....	No Data	1.09	1.75	1.46	No Data	4.30	49	79	No Data	No Data
1919.....	No Data	.32	.00	.58	No Data	.90	50	84	No Data	No Data
1920.....	No Data	.96	1.00	1.09	No Data	3.05	46	80	No Data	No Data
1921.....	No Data	.89	1.10	1.01	No Data	3.00	45	79	No Data	No Data
1922.....	No Data	.24	.23	1.56	No Data	2.03	47	84	No Data	No Data
1923.....	No Data	6.17	1.68	.85	No Data	8.70	47	80	No Data	No Data
1924.....	.06	1.02	1.27	.99	No Data	3.34	43	86	No Data	No Data
1925.....	1.91	1.62	.11	1.36	No Data	5.00	48	81	25	92
1926.....	1.12	3.02	.19	2.58	No Data	6.91	45	78	29	90
1927.....	1.11	2.95	.15	1.44	No Data	5.65	47	80	34	91
1928.....	.06	1.13	.65	.13	.54	2.51	45	80	23	90
1929.....	.91	2.54	.12	.14	*.27	3.98	43	76	22	83
1930.....	2.47	2.08	.95	.58	*1.52	7.60	45	78	33	95
Average For Period.....	1.09	1.84	.85	1.00	.77	4.21	47	81	28	90

*Includes October.

ORGANIZATION OF PROTECTION FORCE

The organization of our protection force was much the same during the last two years as formerly, with the exception of an increased number of men at some of our smokechaser bases during the worst part of 1929 season and such minor changes as were made necessary from time to time by fire emergencies.

A new Lookout point was established in 1930, in Section 7, Township 42 North, Range 1 West. This is within that part of the Palouse Division of the St. Joe National Forest protected by the Association under a Cooperative Agreement with the Forest Service.

The Association owns and maintains a total of thirty-four head of pack mules and ten head of saddle horses for use in the transportation of tools, supplies and equipment in the more inaccessible parts of the district, and three Ford automobiles and one White truck of 11½ tons capacity.

A number of Association employees own cars which are used by the Association when necessary on a mileage basis.

During the 1929 season an average of 100 regular men were employed on our protection force. In addition there were 45 Federal White Pine Blister Rust Control men also available for fire protection work when needed, and, on a few occasions, as many as 200 temporary fire fighters were employed when fires got beyond control of our regular field forces.

During the 1930 season an average of 85 regular protection men were employed by the Association and there were 75 Federal employees working on White Pine Blister Rust Control in the District. These men were always available in case of an emergency. The Potlatch Lumber Company had about 30 men on fire patrol duty in 1929 and 50 during 1930.

These men were employed by the Company to patrol special hazards in and around the Company's operations and were paid by the Potlatch Lumber Company and not by the Association.

As in former years we again cooperated with the St. Joe National Forest in the protection of lands within the Palouse Division of the St. Joe National Forest. An area of 57,564 acres within the Palouse Division of the St. Joe National Forest, lying west of Strychnine Creek, was protected by the Forest Service for us under a cooperative agreement with the Association. The remainder of the Palouse Division and part of the main Division of the St. Joe National Forest, in Township 42 North, Ranges 3 and 4 East, being protected by the Association for the United States Forest Service under the same agreement.

The following is a land classification of the entire District, showing the protection given it during 1929 and 1930 and size of the average patrol unit:

Total area of District.....	696,283 acres	
Agricultural lands, right-of-way, townsites and forest lands on which the owner resides and should protect by reason of being exempt from forest protection charges.....	87,817 acres	
Net area of forest land protected.....	608,466 acres	
	Number of Men	
	1929	1930
Regular Association protection force.....	100	85
Regular Forest Service protection force.....	11	10
Regular logging operators' protection force.....	30	50
Total regular protection force in District.....	141	145
Size of average protection unit, or acres protected per man	4315	4196

In addition to the regular protection force listed above there were 45 men in 1929 and 75 men in 1930 employed by the United

States Department of Agriculture on White Pine Blister Rust Control work within the District, which were always available for fire protection when needed.

DETECTION

1929

The Association maintained fourteen Lookout points within the District where from one to two men were kept constantly during the fire season. There are four more lookout points within that part of the District protected by the Forest Service which are manned by the Government, making a total of eighteen primary lookout points where men are stationed whose principal duty is to detect and report fires. All of our lookout points are equipped with standard protractor or azimuth boards, properly oriented, and with sight alidades for use in the accurate location of fires which can be seen from such lookout points.

We have telephone connections with all of our lookout points and also many of those of adjacent protection agencies and are thus able to cooperate effectively with adjoining organizations in the detection and location of fires.

Our lookout men were put on earlier than usual in 1929 and some were kept as late as October 20, which is later than is usually necessary.

The visibility was good during most of the season. However, during the latter part of September the smoke from our own fires and from those in adjoining districts made prompt detection of new fires from our lookout points impossible at times, but, as we had no lightning storms during this time, all our fires were confined to the settled districts where they were easily detected, hence the poor visibility at that time was no serious handicap to us.

DETECTION

1930

The same lookout system was maintained during the 1930 season as heretofore. One more vantage point near the Mizpah mine, in the Upper Palouse River region, was developed for use as a primary lookout point this year. The use of this point as a lookout gives us closer observation of this territory than was formerly possible.

The period of employment of our men at lookout stations this year was about a month shorter than for 1929, as weather conditions were much more favorable this year, than last.

We were not troubled at any time this year by poor visibility as the air was free from smoke throughout the entire season, hence all fires were detected promptly.

In addition to our lookout system, we are always assisted by settlers, travelers and others who frequently report fires occurring along main roads and in or close to settlements before they are seen by our own lookout men.

SUPPRESSION

1929

The fire hazard was very high by July 1, 1929. We had few fires, however, up to July 13, when one of the worst electric storms we ever experienced occurred. About ninety lightning fires were set by this storm. Many of these spread rapidly as it was a dry storm and forest material was very inflammable at this time. Three of the fires set by this storm had attained Class C proportions before we were able to get men on them, which was the day after they started. These three fires were all located in a 1910 burn, in Township 42 North, Range 4 East. One of them burned over an area of 720 acres, while 90 acres were burned over by each of the others before they were stopped. Another lightning storm which set about forty fires in the District occurred August 21. One of these fires burned over 1,000 acres near White Rock Springs, in Township 42 North, Range 3 East, and did considerable damage to merchantable timber. Two men were on this fire before it had covered more than one-fourth of an acre, but, owing to the high hazard and extreme fire weather prevailing at the time, they were unable to cope with the situation, consequently, it got away and it required 120 men, who had to be shipped in from Spokane, to stop it.

Two other large fires, both of which were of incendiary origin, occurred in October, a time when the fire season is usually over. One of these burned over an area of 3,800 acres of cut-over land and 300 acres of adjoining timber on the East Fork of the Potlatch Creek, near Bovill. The other covered 700 acres of cut-over and burned-over land near Collins, in the Feather Creek drainage. These fires were both in very accessible territory, but it took a large force of men to control them, owing to the extreme fire weather prevailing at the time.

A few fires of little consequence occurred as late as December 5. These were set by careless hunters, etc., who probably did not realize the danger, owing to the time of year.

We had an organization of one hundred regular men in 1929, about eighty of which were smokechasers for fire suppression duty. These men were well organized and strategically placed. In fact, this was the best organization this Association has ever had in the field during any season, but, in view of the abnormal season, this organization proved inadequate and we were compelled to hire a good many temporary men from time to time. Sometimes as many as 200 temporary fire fighters were employed in addition to our regular force.

SUPPRESSION

1930

Although we had a somewhat smaller organization of regular patrolmen during the 1930 season than during 1929, the fire sit-

uation was kept well in hand, mainly by our regular protection force. On a few occasions, however, fires in or near the operations of the Potlatch Lumber Company were extinguished by patrolmen of the Potlatch Lumber Company.

The largest fire of the season burned over an area of 45 acres, did but little damage and was easily controlled. The total number of fires this year was less than one-half of the number occurring in 1929, and, due to much more favorable climatic conditions obtaining, they were more easily handled.

FIRES—1929

Township	Range	CLASS			CAUSES							TOTAL
		A	B	C	Lightning	Campers	Smokers	Brush Burning	Lumbering	Incendary	Miscellaneous	
38N	1E	13	3	2	16			1		1		18
39N	1E	3	3		6							6
40N	1E	10	2		8	2			1	1		12
41N	1E	2	3	2	5			1		1		7
42N	1E		1		1							1
38N	2E	1	2		2						1	3
39N	2E	6	2		8							8
40N	2E	8	4		9	2	1					12
41N	2E	12	5	1	17		1					18
38N	3E	1					1					1
39N	3E	4			4							4
40N	3E	2	1	1	4							4
41N	3E	5	2		7							7
42N	3E	4	2	1	7							7
40N	4E	2	2		4							4
41N	4E	2			2							2
42N	4E	6	2	4	12							12
41N	5E	6			6							6
42N	5E	8			7	1						8
38N	1W	3	3		4		1			1		6
39N	1W		1								1	1
40N	1W	1		1	1					1		2
41N	1W	2		1	2					1		3
42N	1W	1	1		2							2
40N	2W	1					1					1
41N	2W	1	4		5							5
42N	2W	3			2	1						3
43N	2W			1					1			1
40N	3W	3	3		6							6
41N	3W	2	1		3							3
42N	3W	1			1							1
43N	3W	3			3							3
40N	4W	3	3	1	4	1	1		1			7
41N	4W	2	2			1	2				1	4
42N	4W	3	4	1	3					5		8
43N	4W	2			2							2
40N	5W		1	1	1		1					2
41N	5W	1		1				2				2
Totals		127	57	18	164	8	9	4	3	11	3	202
Per cent		63	28	9	81	4	4	2	2	5	2	100

FIRES—1930

Township	LOCATION Range	CLASS			CAUSES						TOTAL	
		A	B	C	Lightning	Campers	Smokers	Brush Burning	Lumbering	Incend ary		Miscel- laneous
38N	1E	1						1				1
39N	1E	3	1		3		1					4
40N	1E	6	1		7							7
41N	1E	6	2		7						1	8
38N	2E		1	1			1		1			2
40N	2E	12			6	2	3	1				12
41N	2E	3			3							3
40N	3E	1			1							1
41N	3E	5			5							5
42N	3E	4			4							4
41N	4E	1	1		2							2
42N	4E	9		1	10							10
41N	5E	2			2							2
38N	1W	2	1				1			2		3
40N	1W		1		1							1
41N	1W	3			2		1					3
40N	2W	3			1			1			1	3
41N	2W	2	1		3							3
42N	2W	2			1		1					2
43N	2W	1			1							1
40N	3W		1					1				1
41N	3W	1					1					1
42N	3W		1							1		1
40N	4W		2				1			1		2
41N	4W		2							2		2
43N	4W	1								1		1
40N	5W		1	1			1			1		2
41N	5W	2	1		1					1	1	3
Totals		70	17	3	60	2	11	4	1	8	4	90
Per cent		78	19	3	67	2	12	4	1	9	5	100

STANDARD CLASSIFICATION OF FIRES

Class "A"..... Less than ¼ Acre
 Class "B"..... ¼ Acre to 10 Acres
 Class "C"..... Over 10 Acres

REPORT OF LAND BURNED OVER 1929 SEASON

DESCRIPTION				ACRES BURNED OVER						DAMAGE	
Township	Range	Section	Subdi- vision	Merch. Timber	Cut-over and Slashings	Old Burns and Brush	Repro- duction	Grass Land etc.	TOTAL	Merch. Timber M. Ft.	Other
38N	1E	1	SESE				Spot		Spot		
38N	1E	4	NENW	Spot					Spot		
38N	1E	5	SENW	Spot					Spot		
38N	1E	6	SWSE			4.00			4.00		
38N	1E	7	NE¼			68.00			68.00	52	
38N	1E	7	NENW				1.00		1.00		
38N	1E	7	SWNW			4.00			4.00	5	
38N	1E	8	NWNW	Spot					Spot		
38N	1E	10	SENW	Spot					Spot		
38N	1E	14	NW¼			30.00			30.00	25	
38N	1E	18	NENE	.10					.10	5	
38N	1E	19	SENW			Spot			Spot		
38N	1E	20	NESE			Spot			Spot		
38N	1E	27	NENE			.50			.50		
38N	1E	30	SENE		Spot				Spot		
38N	1E	34	NWNE					10.00	10.00		
39N	1E	3	SWSE					Spot	Spot		
39N	1E	11	NESE	Spot					Spot		
39N	1E	12	NWNE	.20					.20		
39N	1E	12	SESW				1.00		1.00		
39N	1E	26	NESE				3.00		3.00		
39N	1E	35	NWNW	.50					.50		
40N	1E	3	N½		231.00				231.00		
40N	1E	4	N½		277.00				277.00		
40N	1E	5	N½		200.00			43.00	243.00		
40N	1E	6	NE¼		91.00				91.00		
40N	1E	8	NENW				Spot		Spot		
40N	1E	11	SESE				Spot		Spot		
40N	1E	18	NWNE		Spot				Spot		
40N	1E	19	NESW		Spot				Spot		
40N	1E	23	NWSE		Spot				Spot		
40N	1E	28	NESW				.50		.50		
40N	1E	31	SENW				.10		.10		
40N	1E	33	NWSE				.20		.20		
41N	1E	4	NESW		2.00				2.00		
41N	1E	5	SWNE				15.00		15.00		
41N	1E	5	SWSW		3.00				3.00		
41N	1E	5	SESE		4.00				4.00		
41N	1E	6	SWSW		25.00			5.00	30.00		
41N	1E	7	NWNW		30.00			5.00	35.00		
41N	1E	7	SWNW		25.00			5.00	30.00		
41N	1E	7	W½SW		30.00			6.00	36.00		
41N	1E	26	S½SE	38.00					38.00	100	
41N	1E	26	SESW	31.00					31.00	150	
41N	1E	26	SWSW	34.00					34.00	250	
41N	1E	27	SW¼	63.00					63.00	1080	
41N	1E	27	S½SE	63.00					63.00	1600	
41N	1E	28	S½NE	35.00					35.00	280	
41N	1E	28	NW¼	88.00					88.00	250	
41N	1E	28	S½	112.00	200.00				312.00	350	
41N	1E	29	E½		240.00				240.00		
41N	1E	31	SENE		12.00				12.00		

DESCRIPTION				ACRES BURNED OVER						DAMAGE	
Township	Range	Section	Subdi- vision	Merch. Timber	Cut-over and Slashings	Old Burns and Brush	Repro- duction	Grass Land etc.	TOTAL	Merch. Lumber M. Ft.	Other
41N	1E	31	E½ SE		53.00				53.00		
41N	1E	32	N½		280.00			20.00	300.00		
41N	1E	32	S½		300.00			20.00	320.00		
41N	1E	33	All		640.00				640.00		
41N	1E	34	All		640.00				640.00		
41N	1E	35	N½		320.00				320.00		
41N	1E	35	S½		107.00				107.00		
41N	1E	36	NW¼		127.00				127.00		
42N	1E	30	NWSE		1.00				1.00		
38N	2E	6	NESW			6.00			6.00		
38N	2E	11	SWNE	3.00					3.00	25	
38N	2E	20	SWNW	Spot					Spot		
39N	2E	7	NWNE	Spot					Spot		
39N	2E	7	NWNW	Spot					Spot		
39N	2E	9	SWSW	Spot					Spot		
39N	2E	10	SWNE			.10			.10		
39N	2E	14	NESE	Spot					Spot		
39N	2E	17	SENE			4.00			4.00		
39N	2E	29	SENE					4.00	4.00		
39N	2E	31	NESW			.10			.10		
40N	2E	3	NWNE	Spot					Spot		
40N	2E	3	NESW	Spot					Spot		
40N	2E	6	NWSE				Spot		Spot		
40N	2E	9	NWNW	.50					.50		
40N	2E	9	SENE	3.00					3.00	10	
40N	2E	9	NWSE				.50		.50		
40N	2E	10	SWNW	Spot					Spot		
40N	2E	15	SWNE		.50				.50		
40N	2E	23	NWNE					Spot	Spot		
40N	2E	23	SWSE					Spot	Spot		
40N	2E	26	SWNE				Spot		Spot		
40N	2E	35	NWNW				Spot		Spot		
41N	2E	1	SWNE				Spot		Spot		
41N	2E	1	SWSW			.20			.20		
41N	2E	10	SESW				Spot		Spot		
41N	2E	15	NWSE		.10				.10		
41N	2E	21	NESE		1.00				1.00		
41N	2E	22	SWSW		Spot				Spot		
41N	2E	29	SESW	Spot					Spot		
41N	2E	32	SESW	.50					.50	3	
41N	2E	33	SENE	3.00					3.00	60	
41N	2E	33	SENE	3.00					3.00	10	
41N	2E	33	NWSW	.20					.20	2	
41N	2E	33	SWSW	.20					.20		
41N	2E	33	SESW	2.95					2.95	22	
41N	2E	33	SWSE	.50					.50	5	
41N	2E	36	SENE		30.00				30.00		50M' logs
38N	3E	1	SESW		Spot				Spot		
39N	3E	8	SESW	.10					.10	3	
39N	3E	29	SWSW		.20				.20	3	
39N	3E	31	NWSW	.20					.20	3	
39N	3E	31	SWSW	Spot					Spot		
40N	3E	1	SWNW	.20					.20		
40N	3E	5	Lot 3	.50					.50		

DESCRIPTION				ACRES BURNED OVER					DAMAGE		
Township	Range	Section	Subdi- vision	Merch. Timber	Cut-over and Slashings	Old Burns and Brush	Repro- duction	Grass Land etc.	TOTAL	Merch. Timber M. Ft.	Other
40N	3E	11	NWSE	.20					.20		
40N	3E	28	SENE	7.00					7.00	10	
40N	3E	29	SWNW	8.00					8.00	20	
41N	3E	1	NESE	3.00					3.00	25	
41N	3E	8	SWNE	.10					.10		
41N	3E	17	SWNW	Spot					Spot		
41N	3E	19	NWNE	Spot					Spot		
41N	3E	31	NWNE					1.00	1.00		
41N	3E	31	NENE			Spot			Spot		
41N	3E	32	NESW	Spot					Spot		
42N	3E	2	NESE					Spot	Spot		
42N	3E	13	SENW				Spot		Spot		
42N	3E	15	SWNW	3.00					3.00	20	
42N	3E	15	SW ¼	58.00					58.00	1200	
42N	3E	16	N ½			176.00			176.00		
42N	3E	16	S ½	200.00		109.00			309.00	2000	
42N	3E	17	E ½	50.00		92.00			142.00	300	
42N	3E	20	E ½ NE	78.00					78.00	500	
42N	3E	20	W ½ NE			44.00			44.00		
42N	3E	20	NESE	14.00					14.00	140	
42N	3E	21	N ½ NE			25.00			25.00	20	
42N	3E	21	NW ¼	80.00		35.00			115.00	1500	
42N	3E	21	N ½ SW	55.00					55.00	700	
42N	3E	23	NWNW	3.00					3.00	60	
42N	3E	27	NENE	Spot					Spot		
42N	3E	27	SENW	Spot					Spot		
42N	3E	28	NWNW	1.00					1.00	10	
40N	4E	4	SWNE			2.50			2.50		
40N	4E	16	NWSW			3.00			3.00		
40N	4E	19	NENW				Spot		Spot		
40N	4E	21	NWSE					.10	.10		
41N	4E	2	NWSE	.20					.20	2	
41N	4E	30	NESE	Spot					Spot		
42N	4E	5	SWNE			Spot			Spot		
42N	4E	7	NENE			Spot			Spot		
42N	4E	13	NWNW	.50					.50	10	
42N	4E	15	W ½			100.00	152.00		252.00	100	
42N	4E	16	E ½			270.00			270.00		
42N	4E	17	S ½ NW			35.00			35.00		
42N	4E	17	SW ¼			55.00			55.00		
42N	4E	18	SENW				Spot		Spot		
42N	4E	19	NWSE				Spot		Spot		
42N	4E	19	SESE	Spot					Spot		
42N	4E	20	SENW			12.00			12.00		
42N	4E	20	E ½ SW			33.00			33.00		
42N	4E	20	W ½ SE			48.00			48.00		
42N	4E	21	NE ¼			130.00			130.00		
42N	4E	22	NW ¼			85.00			85.00	30	
41N	5E	1	NENE	Spot					Spot		
41N	5E	9	NENE				Spot		Spot		
41N	5E	13	NWNW			Spot			Spot		
41N	5E	13	NWSE			Spot			Spot		
41N	5E	21	SENE			Spot			Spot		
41N	5E	23	NWSE			.20			.20		

DESCRIPTION			ACRES BURNED OVER						DAMAGE		
Township	Range	Section	Subdi- vision	Merch. Timber	Cut-over and Slashings	Old Burns and Brush	Repro- duction	Grass Land etc.	TOTAL	Merch. Timber M. Ft.	Other
42N	5E	6	NWSE			Spot			Spot		
42N	5E	16	SESE				Spot		Spot		
42N	5E	16	SENE			Spot			Spot		
42N	5E	18	NWSE	Spot					Spot		
42N	5E	22	NWNW			Spot			Spot		
42N	5E	28	NWSE	Spot					Spot		
42N	5E	35	SWNE	Spot					Spot		
42N	5E	35	SENE				.20		.20		
38N	1W	1	SESE	Spot					Spot		
38N	1W	11	NESE		.20				.20		
38N	1W	12	SWNE	.50					.50		
38N	1W	14	NESW					Spot	Spot		
38N	1W	35	SENE	2.00					2.00		
38N	1W	36	SESE			2.00			2.00		3
39N	1W	5	SWNE		6.00				6.00		blst.
40N	1W	1	NESE	Spot					Spot		powdr.
40N	1W	16	SE ¼					100.00	100.00		\$1,400
41N	1W	1	S ½ S ½		111.00				111.00		1 Auto
41N	1W	12	N ½		250.00			61.00	311.00		\$600.00
41N	1W	12	S ½		160.00			7.00	167.00		
41N	1W	19	SWNE			1.00			1.00		
41N	1W	29	NWSE		Spot				Spot		
42N	1W	22	SWNE				1.00		1.00		
42N	1W	31	SWSE	Spot					Spot		
40N	2W	5	NESW		Spot				Spot		
41N	2W	3	NENE	Spot					Spot		
41N	2W	11	NWSE				2.00		2.00		
41N	2W	21	NESE			.50			.50		
41N	2W	22	NWNW				1.00		1.00		
41N	2W	34	SWNE		1.00				1.00		
42N	2W	14	SENE			Spot			Spot		
42N	2W	31	NWSE	Spot					Spot		
42N	2W	36	NWSE				Spot		Spot		
43N	2W	33	NENE				5.00		5.00		
43N	2W	34	N ½ N ½		40.00				40.00		
43N	2W	35	NWNW				5.00		5.00		
40N	3W	2	NWNW	.50					.50		
40N	3W	7	NESE		Spot				Spot		
40N	3W	9	NESW		Spot				Spot		
40N	3W	13	NENE					Spot	Spot		
40N	3W	17	NENW		3.00				3.00		
40N	3W	17	SWSW				.50		.50		
41N	3W	13	NESE	1.00					1.00		
41N	3W	33	NENE	Spot					Spot		
41N	3W	34	NESW		.20				.20		
*42N	3W	6	NWNE	Spot					Spot		1
*43N	3W	16	NWNW				Spot		Spot		
*43N	3W	33	SENE						.10		4
*43N	3W	36	NENW				Spot		Spot		
40N	4W	3	E ½ SW		11.00				11.00		
40N	4W	3	W ½ SE		65.00				65.00		
40N	4W	6	NWNW		.50				.50		
40N	4W	7	NWSW		.10				.10		
40N	4W	10	NWNE		10.00				10.00		

REPORT OF LAND BURNED OVER 1930 SEASON

DESCRIPTION				ACRES BURNED OVER						DAMAGE	
Township	Range	Section	Sub-division	Merch. Timber	Cut-over and Slashings	Old Burns and Brush	Repro-duction	Grass Land etc.	TOTAL	Merch. Timber M. Ft.	Other
38N	1E	30	SENE		Spot				Spot		
39N	1E	2	SENE		Spot				Spot		
39N	1E	3	SWNE	.50					.50		
39N	1E	27	NWSW	.20					.20	5	
39N	1E	32	SESE	Spot					Spot		
40N	1E	5	SWSE				Spot		Spot		
40N	1E	6	NESW			Spot			Spot		
40N	1E	10	SWSE			Spot			Spot		
40N	1E	13	SESW			Spot			Spot		
40N	1E	25	NWSW	.10					.10	3	
40N	1E	29	SESE				.10		.10		
40N	1E	32	SWNW			.50			.50		
41N	1E	14	NESE	.10					.10		
41N	1E	15	NWSE	3.00					3.00		
41N	1E	21	NENE				Spot		Spot		
41N	1E	21	SESW		Spot				Spot		
41N	1E	23	NENW		Spot				Spot		
41N	1E	24	NWNW		Spot				Spot		
41N	1E	32	NENE			.50			.50		
41N	1E	34	NESW		Spot				Spot		
38N	2E	3	NENE				2.00		2.00	3	
38N	2E	27	NWNE	10.00					10.00	10	Fence
38N	2E	27	NENW		25.00				25.00		\$75.00
38N	2E	27	SESW					10.00	10.00		
40N	2E	4	NENW	.10					.10	8	
40N	2E	4	NWSW		Spot				Spot	4	
40N	2E	5	SESW	.10					.10	2	
40N	2E	9	SENE	Spot					Spot		
40N	2E	11	SESE		Spot				Spot		
40N	2E	13	SWSW		Spot				Spot		
40N	2E	15	NENE		Spot				Spot		
40N	2E	22	NWSW		Spot				Spot		
40N	2E	22	SESW		Spot				Spot		
40N	2E	26	NESE					Spot	Spot		
40N	2E	35	SWSE		Spot				Spot		
41N	2E	2	SESE			Spot			Spot		
41N	2E	7	NWNW				.10		.10		
40N	3E	36	NWNW				Spot		Spot		
41N	3E	7	NESE	Spot					Spot		
41N	3E	29	NWNW	Spot					Spot		
41N	3E	30	NENE			Spot			Spot		
41N	3E	30	SWNW		Spot				Spot		
42N	3E	1	SWSE			Spot			Spot		
42N	3E	10	SENE			Spot			Spot		
42N	3E	13	SWSE			Spot			Spot		
42N	3E	16	NESW			Spot			Spot		
41N	4E	12	NWSE	Spot					Spot		
41N	4E	18	SWSE				.50		.50		
42N	4E	7	SWNW			1.00			1.00		
42N	4E	7	SESW			1.00			1.00		
42N	4E	7	NESW			25.00			25.00		
42N	4E	7	NWSW			13.00			13.00		
42N	4E	12	NENE			Spot			Spot		

DESCRIPTION				ACRES BURNED OVER					DAMAGE		
Township	Range	Section	Sub- vision	Merch. Timber	Cut-over and Slashings	Old Burns and Brush	Repro- duction	Grass Land etc.	TOTAL	Merch. Timber M. Ft.	Other
42N	4E	13	NENE				Spot		Spot		
42N	4E	15	NWSE				Spot		Spot		
42N	4E	19	NESW	Spot					Spot		
42N	4E	22	NESE			Spot			Spot		
42N	4E	29	NWSW	Spot					Spot		
42N	4E	29	SWSW	Spot					Spot		
42N	4E	32	SWNE			Spot			Spot		
42N	4E	33	NWSW			Spot			Spot		
41N	5E	18	NWSE	Spot					Spot		
42N	5E	20	SWNW	Spot					Spot		
38N	1W	9	NWSW					Spot	Spot		
38N	1W	12	NWSW	Spot					Spot		
38N	1W	14	SWSE		1.00				1.00		
40N	1W	36	NESE			1.50			1.50		
41N	1W	17	NESW				Spot		Spot		
41N	1W	19	SWNE			Spot			Spot		
41N	1W	25	SESE					Spot	Spot		
40N	2W	5	SENE					Spot	Spot		
40N	2W	13	SENW		Spot				Spot		
40N	2W	14	SENE					Spot	Spot		
41N	2W	4	SWNW				Spot		Spot		
41N	2W	15	SESW	.20					.20		
41N	2W	29	NWSE		.50				.50		
42N	2W	22	NWSE				.20		.20		
*42N	2W	23	NWSW					Spot	Spot		
*43N	2W	34	SWNE	Spot					Spot		
40N	3W	15	SENE		1.00				1.00		
41N	3W	10	NWSW					Spot	Spot		
42N	3W	35	NWNW					6.00	6.00		
40N	4W	4	NESW		3.00				3.00		
40N	4W	32	NENE		1.50				1.50		
41N	4W	30	SENE		4.50				4.50		
*43N	4W	34	SESE	Spot					Spot		
40N	5W	3	NWSE		1.00				1.00		
40N	5W	3	SWSE		14.00				14.00		25 c wd
40N	5W	3	SESE		2.00				2.00		
40N	5W	10	NENE		3.00				3.00		
40N	5W	10	NWNE		5.00				5.00		
40N	5W	15	NWSE		10.00				10.00		
41N	5W	24	SESW				Spot		Spot		
41N	5W	26	SWNW	Spot					Spot		
41N	5W	26	NESE		.50				.50		
TOTAL				14.30	72.00	42.50	2.90	16.00	147.70	35	
									25 Cords Wood		
									Fence \$75.00		

*Fires handled by the Forest Service in Cooperative area.

Seven small fires were handled by the Association outside the boundaries of the District during 1929 and four during 1930. These were all fires which threatened Association territory and were therefore, put out before gaining serious proportions.

**CLASSIFICATION AND AREA OF LAND BURNED OVER AND
DAMAGE BY CAUSES
1929**

CAUSE	ACRES BURNED OVER							DAMAGE		
	No. of Fires	Merch. Timber	Cut-over Land and Slashings	Old Burns and Brush	Reproduction	Other Lands Not Forest	TOTAL	Merch. Timber M. Ft. BM	Logs, Poles, etc., reduced to M. Ft. BM	Other Value
Lightning.....	164	621	26	1375	138	10	2170	6888		
Lumbering.....	3		84		50		134			
Campers.....	8						8 Spots			
Smokers.....	9		78		14	2	94		50	
Road and Construction Work.	0						0			
Brush Burning.....	4	25				10	35	25		
Incendiary.....	11	468	4388			272	5128	4074	50	\$ 600
Miscellaneous.....	3		7				7			1400
TOTALS.....	202	1114	4583	1375	202	294	7568	10,987	50	\$2000

**CLASSIFICATION AND AREA OF LAND BURNED OVER AND
DAMAGE BY CAUSES
1930**

CAUSE	ACRES BURNED OVER							DAMAGE		
	No. of Fires	Merch. Timber	Cut-over Land and Slashings		Reproduction	Other Lands Not Forest	TOTAL	Merch. Timber M. Ft. BM	Logs, Poles, etc., reduced to M. Ft. BM	Other Value
Lightning.....	60	4	1	42	1		48	22		
Lumbering.....	1	10	25			10	45	10		\$ 75
Campers.....	2		2 Spots				2 Spots			
Smokers.....	11		2		2		4	3		
Brush Burning.....	4		1				1			
Incendiary.....	8		34				34		13	
Miscellaneous.....	4		10			6	16			
TOTALS.....	90	14	73	42	3	16	148	35	13	\$ 75

**TABLE SHOWING NUMBER OF FIRES ORIGINATING ON
DIFFERENT TYPES OF LAND**

	1929		1930	
	No. of Fires	Per Cent	No. of Fires	Per Cent
Merchantable Timber	75	37	24	27
Cut-over Land and Slashings.....	40	20	25	28
Reproduction and Old Burns.....	67	33	33	36
Grass and Agricultural Lands.....	20	10	8	9
TOTALS	202	100	90	100

INCENDIARISM

1929

Sixty-eight per cent of the area burned over this year was due to incendiary fires. The motive behind this incendiarism is unknown. Incendiary fires have occurred heretofore where it appeared in some cases that someone wanted to get rid of slash and not claim the responsibility for the fire if it got away. In other cases, we were led to believe the culprits responsible wanted a job and tried this method of getting on the Association's payroll. The circumstances surrounding our incendiary fires in 1929, however, clearly indicate maliciousness on the part of those who started them.

The East Fork of the Potlatch and the Feather Creek fires near Bovill were set by some one who had carefully planned just how to get a forest fire going that would be hard to stop. The right kind of a day was chosen in each case. Each fire was set in a number of places carefully chosen as to inflammable material on the ground, direction of the wind, etc. In fact, nothing was overlooked in providing for a good sized fire in each case.

It is difficult to provide in advance for situations of this kind. The result is that fires of incendiary origin usually are much more expensive to combat and do more damage than fires from other causes. It is also very difficult to apprehend an incendiary. In my opinion, there is no punishment too severe for such an offender, since the lives of many people and property values running into millions of dollars are often threatened as a result of their selfish, thoughtless and lawless practices.

INCENDIARISM

1930

There was a lot of talk early in the spring about the possibility of considerable incendiarism this year as it was thought some of the more radical of the large number of unemployed men throughout this territory might resort to this method of obtaining employment during the dry season. All possible precautions were taken by the Association and leading operators looking to prevention of fires from this source by keeping a close watch on all routes of travel and a surveillance of all suspicious characters. There was, as a matter of fact, a good deal of such talking done by some of the agitators among the unemployed in this District. However, I am unable to trace the origin of a single fire this year to this class of men. We had a few incendiary fires as usual this year, but they were set by residents of the settled parts of the District and not by transients. Some of these fires were undoubtedly set for the purpose of obtaining employment; others, to dispose of brush during the closed season when a burning permit could not be procured.

COOPERATION

We have received the hearty and helpful cooperation and assistance of all woods operators, of most of the residents of the District, of the men of the St. Joe National Forest and of adjoining timber protective organizations, namely the Clearwater and Coeur d'Alene Associations. This has resulted in smaller losses and less expense to the Association than could have otherwise obtained. The Potlatch Lumber Company, which is the largest operator in the District, again did much toward reducing the expense of the Association by employing a substantial force of men on fire prevention work exclusively within and adjacent to their operations the past two years. One result has been that not a single fire originated from their logging operations during this period, which is remarkable considering the fact that they operate almost all known kinds of steam logging devices. On several occasions during the 1929 season this Company suspended operations at a number of its camps to fight fire for the Association. This saved the Association much expense in transporting men from a distance, at the same time obviating the possibility of greater losses which might have occurred while waiting for men to arrive from some distant labor center.

"No Smoking" rules were well enforced by all operators in the District, and, although we had smokers' fires elsewhere, none occurred within the limits of any logging operation. This indicates a very marked improvement and has resulted in substantial savings as some very disastrous fires have resulted in the past from the carelessness of smokers around logging operations.

Our small fire losses and comparatively moderate expenses have been due in a large measure to willing, efficient cooperation which has been manifest in results as well as in spirit and I wish to express my appreciation and thanks to those responsible.

Through the combined cooperation of the United States Weather Bureau and the Interstate Utilities Company, we were again furnished daily weather forecasts throughout the past two seasons. These forecasts were received each morning by telephone over the Interstate Utilities lines, the telephone company donating the free use of their lines for this purpose.

LAW ENFORCEMENT

There were three arrests for violation of the State Fire Laws during the past two years, two in 1929 and one in 1930.

Two persons were apprehended for leaving camp fires in 1929. They were both convicted and fined in Justice Court. One person was arrested and convicted in 1930 for burning brush without a burning permit during the closed season.

THE IDAHO FORESTRY LAWS

In closing, I again refer to the Idaho Forestry Law (Chapter 150 Idaho Session Laws of 1925, as amended in 1929) which has now been in operation six years.

During this time much has taken place looking toward the conservation and perpetuation of Idaho's Forests in the way of providing better protection from fire. Experimental and research work has been carried on to a considerable extent with a view to ascertaining the best and most practical methods to employ in order to accomplish this object, with the result that a better knowledge of how to meet the requirements of the law as economically and efficiently as possible is being gained and greater progress toward future security is evidenced each year.

Thus the operation of the law has had the effect of acting as a sort of an eye-opener inasmuch as it has been responsible for devising practicable ways and means by which forest devastation by fire has been considerably reduced. This automatically promotes forest growth and paves the way for reforestation, which means watershed protection and better regulation of stream flow for irrigation and power purposes.

It has also had the effect of securing better Federal Cooperation in the way of financial aid under the Clark-McNary Act and a better spirit of mutual cooperation between the State and private timber owners and the general public has existed as a result.

By the foresight of our State Legislature in the enactment of the Reforestation Law (Chapter 185 Session Laws of 1929) another progressive step in forestry legislation was taken.

The provisions of this Act encourage reforestation of privately-owned lands inasmuch as they provide for the assurance of a reasonable property tax on lands listed under the Act while reforestation is under way. This is a step in the right direction and will be of great assistance in the perpetuation of Idaho's forests and forest industries.

That this law is popular is evident from the fact that something over forty thousand acres of cut-over lands within this district alone are already listed under the Act.

Respectfully submitted,

R. L. WOESNER, Chief Fire Warden,
Potlatch Forest Protective District,
Idaho.

Boise, Idaho, April 1, 1930.

Honorable H. C. Baldridge,
Governor of Idaho,
Capitol Building.

Dear Sir:

I submit herewith an audit report of the financial records of the Potlatch Timber Protective Association, principal place of business located at Potlatch, Idaho, for the period commencing December 1, 1928 and closing on November 30, 1929. The last previous report by this department closed on November 30, 1928.

Mr. M. G. Skacel, Auditor for the Chicago, Milwaukee, St. Paul & Pacific Railroad and his assistant Mr. H. E. Moody, as representative of the Milwaukee Land Company, assisted me with the preparation of this audit.

The extensions and additions of all expense vouchers were examined and with the exception of the following errors the same were found to be correct:

Voucher No.	Payee	Overpaid	Underpaid
985—	Atchleys Department Store.....	\$5.63	
1068—	Wilke Morgan Company.....	.65	
1045—	Atchleys Department Store.....		\$ 4.36
1367—	Idaho Laundry		2.59
1405—	Potlatch Lumber Company.....		10.00
		<u>\$6.28</u>	<u>\$16.95</u>

The foregoing represents the difference between the correct totals of expense vouchers and the check by which each was paid. I would suggest, in this connection, that the officer whose duty it is to write the checks first satisfies himself that each expense voucher is correct as to items, extensions and additions irrespective of who affixed his OK before he pays it.

The additions on all payrolls were verified and found to be correct.

This Association levied against its members two assessments totaling $13\frac{3}{8}$ cents per acre for the season, the State paying $\frac{3}{8}$ of one cent per acre less than the other members on assessment No. 1.

Total assessments against the State for fire prevention and suppression during 1929 amounted to \$18,207.54, all of which has been paid.

Chapter 219, laws of 1929, appropriated \$10,000.00 to be used in cooperation with the United States Department of Agriculture, Bureau of Plant Industry, for the control, suppression, eradication, etc., of White Pine Blister Rust in the State of Idaho. Most of the white pine acreage in the State is located within the boundaries of this Association and the Clearwater Association, therefore

the States appropriation of \$10,000.00 was allocated to these associations, Potlatch receiving \$5,200 and Clearwater \$4,800.

The Potlatch Association advanced to the Federal Agency from the funds of the Association \$10,000 in installments of \$2,500 each. These payments were in accordance with a cooperative agreement entered into between this Association and the United States Department of Agriculture, Bureau of Plant Industry. The Federal Agency to match the \$10,000.00 with \$20,000.00 of Federal funds and the total amount \$30,000.00 to be used by the Federal Agency for the control, suppression, eradication, etc., of white pine blister rust in the areas where the disease was the most prevalent. At the close of the season a report was made to the Association by the Federal Agency giving the legal descriptions of the lands where work had been done. From this report the Association arrived at the ownership and acreage where the infection had been combatted and then levied an assessment on this acreage only, which would produce \$10,000.00. This levy was at the rate of .0304643 cents per acre. Refer to Schedule "C-1" for further details concerning this assessment.

The charge against the State's acreage served by the Federal Agency amounted to \$3,674.63, which deducted from the amount \$5,200.00 remitted in August 1929, leaves a remaining balance of \$1,525.37 to the credit of the State on the books of the Association when the 1929 season closed.

In closing this report I wish to make acknowledgement of the valuable services rendered to this Association by the Interstate Utilities, a telephone company with principal office located in Spokane, Washington. This organization during 1929 and for prior years has been supplying weather reports when requested to this Association and all other similar Associations in North Idaho, without charge.

If the Secretary of this Association has not already done so, I would suggest that he write a letter to the manager of this telephone company and express his appreciation for this splendid spirit of cooperation.

On behalf of this and the other Associations I wish to acknowledge the courtesy of Mr. A. B. Barrons of Spokane, Agency Manager of the Burrough Adding Machine Co., who loaned me an electric drive adding machine from stock and would not accept any remuneration.

Respectfully submitted,

BUREAU OF PUBLIC ACCOUNTS,

B. E. Hyatt, Director.

Schedule A

POTLATCH TIMBER PROTECTIVE ASSOCIATION
BALANCE SHEET

At the Close of Business November 30, 1929.

ASSETS:

Accounts Receivable:	
Non-members	\$13,685.44
U. S. Dept. Agriculture, St. Joe N. F.	11,045.74
Milwaukee Land Co.	365.05
Potlatch Lumber Co.	3,914.33
Northern Pacific Ry. Co.	299.83
Clearwater Timber Co.	1,668.99
Rupp-Holland Logging Co.	285.30
Winton Lumber Co.	91.33
Frank E. Grice	4.88
G. R. Lawrence	32.84
<hr/>	
Total Current Assets	\$31,393.73
Property:	
Provisions and Supplies	40.60
Camp Equipment and Tools	3,698.06
Wanigan	27.00
Livestock and Equipment	2,430.59
Headquarters Buildings	2,787.00
Motor Vehicles	1,077.50
Telephone System	3,124.60
Idaho-Washington Tel. Stock	20.00
<hr/>	
Total Fixed Assets	13,205.35
<hr/>	
Total All Assets	\$44,599.08
<hr/>	

LIABILITIES

Bills payable	13,000.00
State of Idaho White Pine Blister Rust	
Appropriation	1,525.37
Potlatch State Bank-Overdraft	4,916.17
<hr/>	
Total Current Liabilities	19,441.54
Reserve for Non-members Refunds and	
Cancellations	1,018.36
Present Worth—November 30, 1929.....	24,139.18
<hr/>	
	\$44,599.08
<hr/>	

Schedule B

**OPERATION IN SURPLUS OR VARIATION
IN PRESENT WORTH**

CREDITS:

Present Worth—November 30, 1928.....	\$29,571.38
	<hr style="border-top: 1px solid black;"/>

DEBITS:

Voucher check No. 2714—1922 cancelled and later revived and paid	\$ 31.50
Estate P. A. Enger charged off.....	17.86
Reserve for Refunds—Increase	632.00
	<hr style="border-top: 1px solid black;"/>
	681.36
Excess of Expense over Revenue—Schedule E.....	4,750.84
Present Worth—November 30, 1929.....	24,139.18
	<hr style="border-top: 1px solid black;"/>
	\$29,571.38
	<hr style="border-top: 1px solid black;"/>

ACREAGE AND ASSESSMENTS OF MEMBERS

1929

Schedule C

MEMBER	Acreage	Assessment No. 1—7½¢	Assessment No. 2—6¢	Total Assessment
State of Idaho.....	140,058	\$ 9,804.06	\$ 8,403.48	\$18,207.54
Potlatch Lumber Co.....	195,883	14,446.37	11,752.98	26,199.35
Milwaukee Land Co.....	17,341	1,278.90	1,040.46	2,319.36
Northern Pacific R. R.....	17,816	1,313.93	1,068.95	2,382.88
Clearwater Timber Co.....	43,717	3,224.12	2,623.02	5,847.14
Rupp-Holland Logging Co.....	9,365	690.67	561.90	1,252.57
Winton Lumber Co.....	2,998	221.10	179.88	400.98
Blackwell Lumber Co.....	1,578	116.38	94.68	211.06
Edward Rutledge Timber Co.....	147	10.84	8.82	19.66
W. D. Humston.....	40	2.95	2.40	5.35
Frank E. Grice.....	160	11.80	9.60	21.40
G. R. Lawrence.....	1,078	79.50	64.68	144.18
McGoldrick Lumber Co.....	440	32.45	26.40	58.85
TOTALS	430,621	\$31,233.07	\$25,837.25	\$57,070.32

Schedule C-1

POTLATCH TIMBER PROTECTIVE ASSOCIATION

Special Assessment levied November 30, 1929 against a selected area of this Association comprising holdings belonging to certain members which were infested with White Pine Blister Rust in order to enable this Association to cooperate with the United States Department of Agriculture, Bureau of Plant Industry for its eradication or control.

Rate of Assessment per Acre \$0.0304643

MEMBER	Acreage Assessed	Amount
Potlatch Lumber Company	128,489	\$ 3,914.33
State of Idaho.....	120,621	3,674.63
Clearwater Timber Company.....	43,717	1,331.81
Northern Pacific Railway Company.....	9,842	299.83
Milwaukee Land Company.....	11,983	365.05
G. A. Rubedew, Agent	9,365	285.20
Winton Lumber Company	2,998	91.33
F. E. Grice	160	4.88
G. R. Lawrence	1,078	32.84
	<u>328,253</u>	<u>\$10,000.00</u>
	-----	-----

Schedule D

RECEIPTS AND DISBURSEMENTS

December 1, 1928 to November 30, 1929.

RECEIPTS:

Non-Members Collections	\$ 5,167.92	
R. J. Hooper	640.00	
George E. Lee	280.00	
F. G. Lyle	240.00	
J. I. Major	200.00	
F. M. Rothrock Company	470.00	
S. Wiedrich	240.00	
Clerf Brothers	512.00	
Coffin Sheep Company	1,440.00	
A. J. Magallon	440.00	
McGregor Land & Livestock Company	410.00	
Federal Contributions—Clark-McNary	12,054.35	

State of Idaho:

1928 Account	\$ 5,579.49	
Interest on 1928 Acct.	170.98	
1929 Assessments	18,207.54	
White Pine Blister Rust Control..	5,200.00	\$29,158.01

Potlatch Lumber Company	\$26,199.35	
Milwaukee Land Company	2,319.36	
Northern Pacific Railway	2,382.88	
Clearwater Timber Company	5,509.96	
Rupp-Holland Logging Company	1,252.57	
Winton Lumber Company	400.98	
Blackwell Lumber Company	211.06	
Edward Rutledge Timber Company	19.66	
McGoldrick Lumber Company	58.85	
W. D. Humiston	5.35	
Frank E. Grice	21.40	
G. R. Lawrence	144.18	\$ 89,777.88

Refunded Expense:

Maintenance and Operation Motor Vehicles....	50.19	
Provisions and Supplies	217.40	
Wanigan	16.13	
Fire Expense	328.00	
Patrolling	747.30	
Packing and Trucking	36.40	
Maintenance Livestock	46.45	
Camp Equipment and Tools	26.50	
Miscellaneous Expense	2.50	1,470.87
Bills Payable—Borrowed on Notes		13,000.00
Cash on Hand, Nov. 30, 1928		6,903.51
Potlatch State Bank—Overdraft		4,916.17
		<u>\$116,068.43</u>

Schedule D-2

POTLATCH TIMBER PROTECTIVE ASSOCIATION

December 1, 1928 to November 30, 1929.

DISBURSEMENTS:

Patrolling, Smoke Chasing and Lookout Exp.....	\$28,082.84	
Packing and Trucking	3,240.00	
Main Office Expense.....	474.52	
Provisions and Supplies	7,628.99	
Miscellaneous Expense	400.47	
Camp Equipment and Tools.....	1,057.81	
Wanigan	995.79	
Workmen's Compensation	990.79	
Salary and Expense Chief Fire Warden.....	3,216.13	
Fire Expense	41,801.42	
Livestock and Equipment	346.83	
Headquarters Buildings	278.62	
Motor Vehicles	792.10	
Telephone System	24.00	
Headquarters Expense	2,665.22	
Interest (Paid out).....	170.98	
L. O. Development and Maintenance.....	283.00	
Maintenance Livestock	3,476.81	
Maintenance Headquarters Buildings.....	24.78	
Maintenance and Operation Motor Vehicles.....	799.02	
Maintenance Established Trails.....	3,302.59	
Maintenance Telephone System	728.85	
New Trail Building.....	879.83	
Bills Payable	5,576.04	
Grazing Fees Distributed.....	4,872.00	
Hospital Expense	221.00	
Western Forestry & Con. Assn.....	1,089.60	
White Pine Blister Rust	875.00	
White Pine Blister Rust—Cooperative Agree- ment U. S. Dept. Agriculture.....	10,000.00	
Refunds in Cash.....	25.24	
Group Insurance	51.70	
Old Check—paid—formerly charged off.....	31.50	\$124,403.47
<hr/>		
Less Disbursements Other than Cash:		
Patrolling, Smoke Chasing and Lookout Exp.	10.00	
Provisions and Supplies	7,346.78	
Camp Equipment and Tools.....	19.35	
Wanigan	832.59	
Headquarters Expense .....	.46	
Maintenance and Operation Motor Vehicles....	125.86	8,335.04
<hr/>		<hr/>
		\$116,068.43
<hr/>		<hr/>

Schedule E

**REVENUE FOR 1929 CONTRASTED WITH EXPENSE
OR PROFIT AND LOSS STATEMENT**

REVENUE:

Assessments—Members (Schedule C).....	\$57,070.32	
Federal Contributions—Clark-McNary.....	12,054.35	
Assessments—Non-Members	9,443.82	\$78,568.49
Excess of Expense over Revenue.....		4,750.84
		<u>\$83,319.33</u>

EXPENSE:

Patrolling, Smoke Chasing and Lookout Expense	27,325.54	
Packing and Trucking.....	3,203.60	
Main Office Expense.....	474.52	
Miscellaneous Expense	397.97	
Provisions and Supplies—Loss.....	98.21	
Wanigan —Loss	130.87	
Workmen's Compensation	990.79	
Salary and Expense—Chief Fire Warden.....	3,216.13	
Fire Expense	30,427.68	
Headquarters Expense	2,664.76	
Lookout Development and Maintenance.....	283.00	
Maintenance Livestock	3,430.36	
Maintenance and Operation Motor Vehicles.....	622.97	
Maintenance Headquarters Buildings.....	24.78	
Maintenance Established Trails.....	3,302.59	
Maintenance Telephone System.....	728.85	
New Trail Building.....	879.83	
Hospital Expense	221.00	
Group Insurance	51.70	
Western Forestry & Cons. Assn.....	1,089.60	
White Pine Blister Rust.....	875.00	80,439.75
Depreciation:		
Camp Equipment and Tools.....	\$1,232.68	
Livestock and Equipment.....	810.20	
Headquarters Buildings	242.35	
Motor Vehicles	359.17	
Telephone System	235.18	2,879.58
		<u>2,879.58</u>
		<u>\$83,319.33</u>

Schedule F

OPERATION IN STATE ACCOUNT

1929

DEBITS:

Balance 1928 Account.....	\$5,579.49	
Interest on 1928 Borrowings.....	170.98	
Assessment No. 1—1929.....	9,804.06	
Assessment No. 2—1929.....	8,403.48	\$23,958.01
		<hr/>

CREDITS:

March 29, 1929, by Warrant No. 8395.....	5,756.99	
August 19, 1929, by Warrant No. 28340.....	9,797.54	
September 27, 1929, by Warrant No. 33491.....	8,403.48	\$23,958.01
		<hr/>

STATE APPROPRIATION, CHAPTER 219, 1929 LAWS

Special Account White Pine Blister Rust Cooperation.

Credits:

August 26,, 1929, by Warrant No. 28931.....	\$5,200.00
	<hr/>

Debits

November 30, 1929, Assessment.....	3,674.63
November 30, 1929, Balance due State.....	1,525.37
	<hr/>
	5,200.00
	<hr/>

Schedule G

RECONCILIATION OF THE ASSOCIATION'S BANK ACCOUNTS
WITH THE POTLATCH STATE BANK, POTLATCH,
AT THE CLOSE OF BUSINESS NOV 30, 1929.

Nov. 30, 1929, Bank's Balance per Statement.....	\$5,218.26
Nov. 30, 1929, Association's Overdraft, per Record.....	4,916.17
	<u>\$10,134.43</u>

Outstanding Voucher Checks:	Time Checks Outstanding:			
No. 4613—1925	\$ 1.20	June 1924	\$ 2.40	
No. 991—1929	2.00	July 1925 .....	.11	
No. 1173—1929	20.40	Aug. 1925	5.95	
No. 1177—1929	13.60	June 1928	4.00	
No. 1194—1929	3.00	June 1929	83.00	
No. 1195—1929	6.00	Sept. 1929	350.31	
No. 1196—1929	3.00	Oct. 1929	42.40	488.17
No. 1198—1929	3.00			
No. 1199—1929	3.00			
No. 1200—1929	3.00			
No. 1223—1929	4.00			
No. 1264—1929	1.20			
No. 1268—1929	7.50			
No. 1317—1929	3.60			
No. 1372—1929	609.81			
No. 1374—1929	116.00			
No. 1375—1929	4.70			
No. 1376—1929	23.61			
No. 1378—1929	168.67			
No. 1379—1929	227.42			
No. 1380—1929	1.50			
No. 1381—1929	1.95			
No. 1382—1929	29.00			
No. 1383—1929	1.50			
No. 1384—1929	15.00			
No. 1385—1929	5.00			
No. 1386—1929	35.23			
No. 1387—1929	29.95			
No. 1388—1929	1,690.78			
No. 1389—1929	2,129.06			
No. 1390—1929	212.18			
No. 1391—1929	127.35			
No. 1392—1929	540.99			
No. 1393—1929	122.92			
No. 1394—1929	31.96			
No. 1395—1929 .....	.53			
No. 1396—1929	2.10			
No. 1397—1929	14.13			
No. 1401—1929	9.45			
No. 1404—1929	88.20			
No. 1405—1929	3,332.77			9,646.26
				<u>\$10,134.43</u>

Schedule H

**NAMES OF LESSEES AND THE AMOUNT RECEIVED FROM EACH
AS GRAZING FEES FOR THE SEASON 1929**

R. J. Hooper	\$ 640.00
George E. Lee.....	280.00
F. G. Lyle	240.00
J. I. Major	200.00
F. M. Rothrock Company.....	470.00
S. Wiedrich	240.00
Clerf Brothers	512.00
Coffin Sheep Company.....	1,440.00
A. J. Magallon	440.00
McGregor Land & Livestock Company.....	410.00
	<hr/>
	\$4,872.00
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Schedule I

DISTRIBUTION OF GRAZING FEES

1929

MEMBERS	Acreage	Factor	Amount
State of Idaho	128,743	.34705	\$1,690.83
Potlatch Lumber Company.....	162,082	.43692	2,128.67
Milwaukee Land Company	16,161	.04356	212.22
Northern Pacific R. R. Company.....	9,701	.02615	127.40
Clearwater Timber Company	41,196	.11105	541.04
Rupp-Holland Logging Company.....	9,365	.02525	123.02
Winton Lumber Company.....	2,438	.00657	32.01
W. D. Humiston	40	.00011	.54
Frank E. Grice	160	.00043	2.09
G. R. Lawrence	1,078	.00291	14.18
	<hr/>	<hr/>	<hr/>
	370,964	1.00000	\$4,872.00
	<hr/>	<hr/>	<hr/>

AUDITOR'S CERTIFICATE

I hereby certify that I have audited the accounts of the Potlatch Timber Protective Association for the season 1929, beginning on December 1, 1928 and ending November 30, 1929.

All expense vouchers were examined; the extensions and additions verified, and with the exception of a few minor differences set out in the letter of transmittal in this report the same were found to be correct. The supplies, equipment and material purchased were of a character suited to the necessities of an association organized for the purpose of safeguarding the timber holdings of its members against the ravages of forest fire. The price paid for such supplies, equipment and materials appeared to be uniform with that paid by other fire protective associations operating in the Northern part of the State.

The monthly payrolls were checked and found to be correct. The rates of pay for personal services appeared to be in accord with prevailing schedules for services of this kind.

All funds of this Association were deposited in the Potlatch State Bank, Potlatch, Idaho, and disbursed on voucher checks and time checks signed by proper authority. All cash received as shown by the records of this Association has been properly accounted for.

B. E. HYATT, Director,
BUREAU OF PUBLIC ACCOUNTS.

Boise, Idaho,
April 1, 1930

Boise, Idaho, December 11, 1930.

Honorable H. C. Baldrige,
Governor of Idaho,
Capitol Building,
Boise, Idaho.

Dear Sir:

We have the honor to submit herewith an audit report of the financial records of the Potlatch Timber Protective Association, principal place of business located at Potlatch, Idaho, for the fiscal year commencing December 1, 1929, and ending November 30, 1930. The last previous report by this Department closed on November 30, 1929.

Two assessments were levied against the members during the year totalling 9 cents per acre. This amount included a levy of $\frac{1}{4}$ of a cent per acre as a contribution to the Western Forestry and Conservation Association, to which the State does not contribute; therefore, the amount assessed against the State of Idaho was $8\frac{3}{4}$ cents only. The State's assessments for the year on this account amounted to \$12,278.87, and in addition thereto a balance of \$2,255.33 stands upon the books as due from the State on account of White Pine Blister Rust Cooperation. Schedule F of this report gives the detail hereof, and exhibits a total balance outstanding against the State at the close of business on November 30, 1930, of \$14,534.20, to which must be added such interest as the Association may have to pay on borrowings made necessary pending settlement by the State.

The accounting records of the Association are as usual in good shape and the audit was carried through expeditiously. The expense vouchers, invoices, payroll checks, payrolls and other supporting data were examined and the extensions and additions verified. All cash shown by the records to have been received was accounted for. All disbursements were made by Bank checks which were signed by proper authority. The cash on hand at the close of business was on deposit in the Potlatch State Bank and the Association's bank balance reconciled with that of the Bank.

The Audit Committee consisting of Mr. Ben E. Bush and Mr. A. E. Douglas (the third member of the Committee not being present) examined all disbursement vouchers and invoices and decided that the supplies and equipment purchased were necessary and that the prices paid were in accordance with prevailing prices; also that the labor employed was needed to handle the fire situation in this district, and that the rates of pay were not in excess of the usual schedules for this kind of work.

Respectfully submitted,
BUREAU OF PUBLIC ACCOUNTS,

B. E. Hyatt, Director.
John W. Shore, Examiner.

Schedule A

POTLATCH TIMBER PROTECTIVE ASSOCIATION
BALANCE SHEET

At Close of Business November 30, 1930.

ASSETS:

Cash, Potlatch State Bank—Schedule D.....	\$10,301.85	
Accounts Receivable:		
Non-members	12,644.40	
U. S. Dept. Agriculture, St. Joe Natl. Forest....	399.13	
State of Idaho	14,534.20	
		<hr/>
Total Current Assets		\$37,879.58
Property:		
Provisions and Supplies	197.16	
Camp Equipment and Tools.....	3,540.55	
Wanigan	23.30	
Livestock and Equipment	1,884.30	
Headquarters Buildings	2,798.64	
Motor Vehicles	808.13	
Telephone System	2,935.41	
Idaho-Washington Telephone Stock.....	20.00	
		<hr/>
Total Fixed Assets		\$12,207.49
		<hr/>
Total Assets		\$50,087.07
		<hr/> <hr/>

LIABILITIES:

Notes Payable	14,534.20	
White Pine Blister Rust Cooperation.....	680.00	
Reserve for Refunds and Cancellations.....	1,000.00	
		<hr/>
Total Current Liabilities		\$16,214.26
Present Worth November 30, 1930.....		33,872.81
		<hr/>
Total Liabilities and Present Worth.....		\$50,087.07
		<hr/> <hr/>

Schedule B

OPERATION IN SURPLUS OR VARIATION IN PRESENT WORTH

CREDITS:

Present Worth, November 30, 1929.....			\$24,139.18
Excess of Revenue over Expense—Schedule E.....	\$9,616.48		
Gain—Provisions and Supplies.....	\$149.81		
Less Loss—Wanigan .....	.16		
			<hr/>
		149.65	
Outstanding Checks Cancelled:			
No. 4613	1.20		
June Payroll 1924.....	2.40		
July Payroll 1924.....	6.06		
June Payroll 1928.....	4.00	13.66	9,779.79
			<hr/>
			\$33,872.81

DEBITS:

Reserve for Refund Increased.....			46.16
Present Worth, November 30, 1930.....			33,872.81
			<hr/>
			\$33,918.97

ACREAGE AND ASSESSMENTS OF MEMBERS

1930

Schedule C

MEMBERS	Acreage	Assessment No. 1, 6¼c	Assessment No. 2, 2¾c	TOTAL
State of Idaho.....	140,330	\$ 8,419.80	\$ 3,859.07	\$12,278.87
Potlatch Lumber Company.....	197,375	12,335.94	5,427.81	17,763.75
Milwaukee Land Company.....	15,774	985.87	433.78	1,419.65
Northern Pacific R. R.....	17,576	1,098.50	483.33	1,581.83
Clearwater Timber Company.....	41,956	2,622.25	1,153.79	3,776.04
G. A. Rubedew.....	9,365	585.31	257.54	842.85
Winton Lumber Company.....	2,694	168.38	74.09	242.47
Edward Rutledge Timber Co.....	147	9.19	4.04	13.23
Blackwell Lumber Co.....	1,498	93.63	41.20	134.83
McGoldrick Lumber Company.....	680	42.50	18.70	61.20
Frank Grice.....	160	10.00	4.40	14.40
W. D. Humiston.....	40	2.50	1.10	3.60
TOTALS	427,595	\$26,373.87	\$11,758.85	\$38,132.72

Note: The State of Idaho assessed at 6 cents only on Assment No. 1.

NON-MEMBER ASSESSMENTS

Latah County.....	51,606 Acres @ 6c	\$3,096.36
Latah County.....	20,598 Acres @ 10c	2,059.80
Clearwater County.....	19,595 Acres @ 6c	1,175.70
Clearwater County.....	24,945 Acres @ 10c	2,494.50
Benewah County.....	590 Acres @ 6c	35.40
Benewah County.....	20 Acres @ 10c	2.00
Shoshone County.....	245 Acres @ 6c	14.70
Shoshone County.....	709 Acres @ 10c	70.90
Nez Perce County.....	160 Acres @ 6c	9.60
TOTAL ASSESSMENT.....		\$8,958.96

Schedule C-1

POTLATCH TIMBER PROTECTIVE ASSOCIATION

Special Assessment levied July 15, 1930, against a selected area of this Association comprising holdings belonging to certain members which were infested with White Pine Blister Rust in order to enable this Association to cooperate with the United States Department of Agriculture, Bureau of Plant Industry for its eradication or control.

Rate of Assessment Per Acre \$.032

MEMBER	Acreage Assessed	Amount
Potlatch Lumber Company.....	128,755	\$ 4,120.16
State of Idaho.....	120,713	3,862.82
G. A. Rubedew.....	9,365	299.68
Clearwater Timber Company.....	41,956	1,342.59
Northern Pacific R. R. Company.....	9,842	314.94
Milwaukee Land Company.....	12,641	404.51
Winton Lumber Company.....	2,694	86.21
Frank Grice	160	5.12
	326,126	\$10,436.03

Schedule D

RECEIPTS AND DISBURSEMENTS

December 1, 1929 to November 30, 1930

RECEIPTS:

Non-Member Collections	\$10,000.00
Federal Contributions (Clark-McNary).....	12,325.00
Grazing Leases.....	4,587.00
State of Idaho (Repayment of Cash Advanced)....	300.00
Potlatch Lumber Company.....	25,798.24
Milwaukee Land Company.....	2,189.21
Northern Pacific Railway Company.....	2,196.60
Clearwater Timber Company.....	6,787.62
G. A. Rubedew.....	1,427.83
Winton Lumber Company.....	420.01
Blackwell Lumber Company.....	134.83
Edward Rutledge Timber Company.....	13.23
McGoldrick Lumber Company.....	61.20
W. D. Humiston.....	3.60
Frank Grice.....	24.40
G. R. Lawrence (Balance 1929 account).....	32.84
Clearwater Timber Protective Assn. (Repayment of Cash Advanced).....	150.00
	<hr/>
	\$66,451.61

Refunded Expenses:

Provisions and Supplies.....	88.35
Patrolling	1,125.00
Packing and Trucking.....	83.20
Maintenance Livestock.....	101.25
New Trails	125.00
Workmen's Compensation	250.64
St. Joe National Forest Cooperative Agreement..	11,045.74
	<hr/>
	\$12,819.18
Notes Payable—Borrowings.....	14,534.20
Timber Protective Associations' Annual Audit (All Associations)	67.91
Checks Outstanding, cancelled and charged to Bank	13.66
	<hr/>
	\$14,615.77
	<hr/>
	\$93,886.56
	<hr/>

Schedule D-2

**POTLATCH TIMBER PROTECTIVE ASSOCIATION
RECEIPTS AND DISBURSEMENTS**

December 1, 1929 to November 30, 1930.

DISBURSEMENTS:

Overdraft		\$ 4,916.17
Patrolling	22,694.02	
Packing and Trucking.....	3,137.60	
Main Office Expense.....	426.73	
Provisions and Supplies.....	7,869.65	
Miscellaneous Expense.....	237.80	
Camp Equipment and Tools.....	1,022.68	
Wanigan	677.21	
Workmen's Compensation	805.75	
Salary and Expense Chief Fire Warden.....	3,279.36	
Fire Expense	1,299.11	
Livestock and Equipment.....	246.80	
Headquarters Buildings	255.00	
Telephone System	31.76	
Headquarters Expense	2,111.08	
Interest (Paid Out).....	101.86	
L. O. Development and Maintenance.....	4.15	
Maintenance Livestock	2,930.91	
Maintenance and Operation Motor Vehicles.....	743.61	
Maintenance Headquarters Buildings.....	10.30	
Maintenance Established Trails.....	4,707.80	
Maintenance Telephone System.....	911.31	
New Trail Building.....	4,858.31	
Bills Payable	13,000.00	
Grazing Fees Distributed	4,587.00	
Hospital Expense	173.25	
Western Forestry and Conservation Assn.....	718.17	
White Pine Blister Rust Cooperation—United States Department of Agriculture.....	9,755.97	
Refunds in Cash.....	64.52	
Group Insurance	27.45	
		<hr/> \$86,689.16
		\$91,605.33
Advanced on State Land Board Inspection Trip— Boise to Moscow and Return.....		300.00
Advanced one-half of State Land Board Inspection Trip over Potlatch and Clearwater Timber holdings		150.00
Annual Audit Expense (All Associations).....		67.91
		<hr/> \$92,123.24
Less Disbursements Other than Cash:		
Provisions and Supplies.....	7,774.55	
Wanigan	680.75	
Livestock and Equipment.....	4.00	
Headquarters Expense	2.05	
Maintenance Livestock	1.50	
Maintenance and Operation Motor Vehicles.....	75.68	8,538.53
		<hr/> 83,584.71
Net Cash Disbursements.....		83,584.71
Ledger Bank Balance November 30, 1930.....		10,301.85
		<hr/> <u>\$93,886.56</u>

Schedule E

**REVENUE FOR 1930 CONTRASTED WITH EXPENSE
OR PROFIT AND LOSS STATEMENT**

REVENUE:

Federal Contributions	12,325.00	
Assessments—Members Schedule C.....	38,132.72	
Assessments Non-Members	8,958.96	
		<u>\$59,416.68</u>

EXPENSE:

Patrolling	\$21,569.02	
Packing and Trucking.....	3,054.40	
Main Office Expense.....	426.73	
Miscellaneous Expense	237.80	
Workmen's Compensation	555.11	
Salary and Expense Chief Fire Warden.....	3,279.36	
Fire Expense	899.98	
Headquarters Expense	2,109.03	
Interest	185.98	
L. O. Development and Maintenance.....	4.15	
Maintenance Livestock.....	2,828.16	
Maintenance and Operation of Motor Vehicles....	667.93	
Maintenance Headquarters Buildings.....	10.30	
Maintenance Established Trails.....	4,707.80	
Maintenance Telephone System.....	911.31	
New Trail Building	4,733.31	
Group Insurance	27.45	
Hospital Expense.....	173.25	
Western Forestry & Conservaiton Assn.....	718.17	47,097.24

Depreciation:

Camp Equipment and Tools.....	\$1,180.19	
Livestock and Equipment.....	789.09	
Headquarters Buildings	243.36	
Motor Vehicles	169.37	
Telephone System	220.95	2,702.96

Excess of Revenue over Expense.....

49,800.20
9,616.48
\$59,416.68

Schedule F

OPERATION IN STATE ACCOUNT

1930

GENERAL ACCOUNTS—Timber Protection:

Debits

1930

July 9, Assessment No. 1 at 6 cents.....	\$ 8,419.80	
Oct. 27, Assessment No.2 at 2.75 cents.....	3,859.07	
		\$12,278.87

Credits

1930

Nil		
Nov. 30, Balance Outstanding (Close of 1930 Season).....		12,278.87

SPECIAL ACCOUNT—White Pine Blister Rust Co-operation.

State Appropriation, Chapter 219, 1929 Laws.

Debits

1930

July 15, Assessment 120,713 Acres at 3.2 cents....		3,862.82
--	--	----------

Credits

Balance of Appropriation Unexpended.....	1,525.37	
Interest on \$1,525.37 from August 26, 1929 to July 15, 1930.....	82.12	1,607.49
Balance Outstanding (Close of 1930 Season).....		2,255.33
		3,862.82

SUMMARY OF OUTSTANDING BALANCES

General Accounts—Timber Protection.....	12,278.87
Special Account—White Pine Blister Rust Cooperation.....	2,255.33
TOTAL	\$14,534.20

Schedule G

**RECONCILIATION OF THE ASSOCIATION'S BANK ACCOUNT
WITH THE POTLATCH STATE BANK, POTLATCH, IDAHO
AT CLOSE OF BUSINESS NOVEMBER 30, 1930**

Nov. 30, 1930, Bank's Balance per Statement.....		\$15,638.70
<hr/>		
Outstanding Voucher Checks:		
No. 991.....	\$ 2.00	
No. 1173.....	20.40	
No. 1177.....	13.60	
No. 1194.....	3.00	
No. 1198.....	3.00	
No. 1199.....	3.00	
No. 1200.....	3.00	
No. 1223.....	4.00	
No. 1465.....	.90	
No. 1532.....	5.00	
No. 1802.....	13.30	
No. 1844.....	1,609.17	
No. 1845.....	2,040.25	
No. 1846.....	181.78	
No. 1847.....	118.02	
No. 1848.....	491.86	
No. 1849.....	116.79	
No. 1850.....	.50	
No. 1851.....	1.98	
No. 1852.....	26.65	
No. 1854.....	227.17	
No. 1853.....	8.60	
No. 1855.....	1.50	
No. 1856.....	29.00	
No. 1857.....	1.50	
No. 1858.....	2.68	
No. 1859.....	15.00	
No. 1860.....	5.00	
No. 1862.....	105.00	5,053.65
<hr/>		
Outstanding Payroll Checks:		
Sept. 1929.....	137.40	
Oct. 1929.....	1.80	
Sept. 1930.....	15.00	
Oct. 1930.....	29.00	183.20
<hr/>		
Ledger Bank Balance November 30, 1930.....		10,301.85
<hr/>		
		\$15,538.70
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Schedule H

**NAMES OF LESSEES AND THE AMOUNT RECEIVED FROM EACH
AS GRAZING FEES FOR THE SEASON 1930**

MEMBER	Amount
R. J. Hooper.....	\$ 500.00
Bob Dally	23.00
F. A. Lyle.....	230.00
Clerf Brothers	432.00
Coffin Sheep Company.....	1,500.00
S. Wiedrich & Son.....	200.00
F. M. Rothrock Company.....	241.60
A. J. Magallon.....	600.00
M. W. Carroll.....	140.00
J. I. Major.....	140.00
McGregor Land & Livestock Company.....	580.40
	<hr/>
	\$ 4,587.00
	<hr/>

Schedule I

**DISTRIBUTION OF GRAZING FEES
1930**

MEMBERS	Acreage	Factor	Amount
State of Idaho.....	129,015	35.081	\$1,609.17
Potlatch Lumber Company.....	163,574	44.479	2,040.25
Milwaukee Land Company.....	14,574	3.963	181.78
Northern Pacific Railway Company.....	9,461	2.573	118.02
Clearwater Timber Company.....	39,435	10.723	491.86
G. A. Rubedew.....	9,365	2.546	116.79
Winton Lumber Company.....	2,134	.581	26.65
Frank Grice.....	160	.043	1.98
W. D. Humiston.....	40	.011	.50
	<hr/>	<hr/>	<hr/>
	367,758	100.00	\$4,587.00
	<hr/>	<hr/>	<hr/>

Schedule J

POTLATCH TIMBER PROTECTIVE ASSOCIATION
ACREAGE USED FOR DISTRIBUTION OF GRAZING FEES

MEMBERS	Total Acreage	Acreage St. Joe National Forest	Acreage Leased Outside St. Joe	Basis for Distribu-tion
State of Idaho.....	140,330	11,315		129,015
Potlatch Lumber Company.....	197,375	33,801		163,574
Milwaukee Land Company.....	15,774	880	320	14,574
Northern Pacific Railway.....	17,576	8,115		9,461
Clearwater Timber Company.....	41,956	2,521		39,435
G. A. Rubedew.....	9,365			9,365
Winton Lumber Company.....	2,694	560		2,134
Edward Rutledge Timber Co.....	147	147		
Blackwell Lumber Company.....	1,493	1,498		
McGoldrick Lumber Company.....	680	680		
Frank Grice.....	160			160
W. D. Humiston.....	40			40
TOTALS	427,595	59,517	320	367,758

AUDITOR'S CERTIFICATE

We hereby certify that we have audited the accounts of the Potlatch Timber Protective Association for the season 1930, commencing on December 1, 1929, and ending on November 30, 1930.

All funds of this Association were deposited in the Potlatch State Bank and were disbursed by voucher and payroll checks signed by proper authority, and all cash received as shown by records was found to be properly accounted for.

The extensions and additions on all expense vouchers and payrolls were verified and found correct, after which the same were examined by the Auditing Committee, which Committee reported that all expenditures appeared to be necessary and essential to the prevention and suppression of forest fires, and that the rates of pay for labor and supplies were in accordance with prevailing schedules and prices.

BUREAU OF PUBLIC ACCOUNTS,

B.E. Hyatt, Director.

John W. Shore, Examiner.

Boise, Idaho,
December 12, 1930.

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