

FINAL FIRE REPORT

BRITISH COLUMBIA FOREST SERVICE

District No. <u>340</u>
Name <u>"TAX"</u>
P.R. No. <u>5132</u>

Forest District Vancouver R.D. No. 25

CAUSE: Known - ☒ Power Line Jarred Right of Way
 from insulator on Construction & Clearing Chart A No.
 Probable ☐ Power Pole by Blasting. (General grouping.)
 (Specific cause.) (Road Construction)

AREA OF ORIGIN:	HISTORY:
Grid Ref. <u>92F/6W/B5/05</u> <small>(2 miles = 1 inch map.)</small>	Started: Known - <input checked="" type="checkbox"/> Aug 16 14:27 Probable <input type="checkbox"/> Month Day Hour
Reg. <u>5</u> Comp. <u>40</u> R/W Road <small>(Area classification.)</small>	Discovered - " " 14:28 <small>(Agency.)</small>
Tofino Public Rd R/W L.L. 74, Clayoquot <small>(Lot, T.L., T.F.L., T.S. X, Section, Tp., R., etc.) Dist.</small>	First report - " " 14:50 <small>(Agency.)</small>
Area occupied: <input type="checkbox"/> No. <input checked="" type="checkbox"/> Yes. <input type="checkbox"/> Isd. <input type="checkbox"/> Rec. <input type="checkbox"/> (Other.)	Attacked - " " 14:30 <small>(Agency.)</small>
15 men - Windsor Construction (1962) <small>Men and equipment on area.</small> Ltd.	Controlled - " " 30 <small>(Agency.)</small>
1603 West 3rd Ave., Vancouver, B.C. <small>(Occupant.)</small>	Last smoke seen - Oct 20 -
5 men - Dept of Highways, Alberni, <small>(Address.)</small> B.C.	End of patrol - " 10 -

COST:	Wages	Food	Equipment	Aircraft	Other	Totals
Fire Suppression Vote	114,361.77	5,871.33	39,842.67	32,239.63	447.62	\$ 192,763.02
	F.S. Staff	F.S. Veh	2,409.00	(Non-contract.)	Rm & lld	
Administration Vote	12,297.00	F.S. pumps	260.00	831.00	460.00	\$ 16,257.00
Other parties	-	Forest Industry Flying Tankers Ltd (Contract)	RR 3, Alberni			151,097.24
	-	Windsor Construction (1962) Ltd.	1603 W 3rd Ave., Van.			25,100.00 (est)
	-	MackMillan Bloedel Limited (Sproat Lake Div)	Port Alberni			150,822.37 (claim)
Name and address	Dept of Highways,	205 Elizabeth St.	Alberni			\$ 3,000.00 (est)
		(Road Patrol, Bridge Protection)				
Suppression crew used:	<input checked="" type="checkbox"/> Yes. <input type="checkbox"/> No.	561 man-hours.	Air tankers used:	<input checked="" type="checkbox"/> Yes. <input type="checkbox"/> No.	Total	\$578,239.63

DAMAGE (If over \$500, use page 2): See page #2

Cover: Merch. (Acces.)	M of \$ (Damage.)	Other (Acces.) (Type.)	\$ (Damage.)	Total (Acces.) (Damage.)
Other damage See page #2			\$	\$
(Buildings, equipment, cut products, etc. (specify).)				(Damage.)

RESPONSIBILITY FOR COSTS: Fire Suppression Vote ☒ Yes. ☐ No. (If no, explain below.)

REMARKS: For fire history see Separate History

(Explain briefly action taken, difficulties encountered, or other items of interest. If other parties are responsible for any part of cost, give reasons and supporting section of Act or Manual. If claims are involved, discuss. Use additional pages if necessary. For a chronological record of activities, use F.S. 144a.)

Responsibility: Dept of Highways & Windsor Construction (1962) Ltd.

Occupants of area. - Section 120 of "Forest Act"

Kenneth Haley Kenneth Haley October 26th, 19 67
(Officer in Charge) Haley (Ranger) K. Haley (Date)

DISTRICT FORESTER'S RECOMMENDATIONS: Concur: ☐ Yes. ☐ No. (If no, give reasons.)

For District Forester.

VICTORIA USE ONLY:

Ledger. ☐ Reviewed. ☐ Atlas. ☐ Coded. ☐

F.S. 144 (1) (Amended Feb. 1967) - 204-267-2010 (4)

Complete this page for all fires:

- (1) Not controlled by 10 a.m. of day following discovery.
- (2) Over \$500 total costs.
- (3) Over \$500 total damages.

SIZE (under 1 acre, estimate to nearest $\frac{1}{10}$):

At Discovery	On Attack	Size at End of Burning Period, After Attack				Final Size
		1st	2nd	3rd	4th	
1/10	1/10	3,000				6264

ACCESSIBILITY:

(Nearest mile) from City of Alberni

Road	Trail	Cross- country	Boat	Railway	Aircraft	
					Fixed Wing	Helicopter
24						

CONDITIONS AT DISCOVERY:

Wind W10 Elevation 300'
 Slope (%) 50 Exposure Southerly
 Fuel type High
 Ground cover Bracken, Fire Weed, Old Slash
 Danger rating Federal High - Extreme
 (System.) (Index.)

FIRE-LINE CONSTRUCTION:

	Miles (to $\frac{1}{10}$)	
	Hand-tools	Tractors
Fire-line	2 M.	7 $\frac{4}{10}$
Access		6 $\frac{8}{10}$

DAMAGE:

Cover	Acres Burned	Forest Type					Value of Damage		
Merchantable Timber	Crown 190 T.J. & Private 2122	FHC	"Merch." based on 2.1 inches d.b.h. and over.	Gross volume killed 40,000 cu. ft. Salvable volume - 36,000 Net volume lost - 4,000 @ \$ /M			\$ 364,400.00		
Immature and Reproduction	713 270	F FHC (natural)	Forest Type	Age Class	Rate per Acre	Value			
			F	60	\$138	28394.00			
			FHC	10	51	13770.00	\$ 112,164.00		
Other Cover	620	Not satisfactorily restocked:		647 ac NSR @ 25¢/ac		\$ 161.75			
	268	Logged, not burned		241 ac of all logged		4820.00			
		Logged and burned		planted '59-'67 @ \$20/ac					
	146	Old burn not logged							
	216	Non-commercial cover			25¢	36.50			
		Grazing or pasture land			5¢				
		Non-productive sites			25¢	54.00	\$ 5,072.25		
TOTAL AREA		6,264	acres	TOTAL DAMAGE TO COVER			\$ 481,636.25 (1)		
Cut Forest Products	Net Volume Lost	Remarks							
	135.4 M cu. ft.	(royalty, felling R/W F&B on logging roads & bucking costs)							
	M bd. ft.	(Value of damage to include logging costs incurred, also stumpage.)							
(Complete only when damage is result of a forest fire.)									
Buildings, etc.	Logging Road	Glulam Bridge (\$30,000)	Culverts (1500)			31,500.00			
Logging equipment	Rigging (\$4,500)	Mobile Radio (\$1,200)				5,700.00			
Miscellaneous	Public Road Bridge (\$10,000)	Power Poles & Mobile	20,000.00			57,200.00	(3)		
	Power Units for Torino - Ucluelot (\$10,000)								
GRAND TOTAL OF DAMAGE: (1) + (2) + (3) -							\$ 542,954.63		

MacMillan Bloedel failure cited during appeal ruling

The B.C. Appeal Court ruled Tuesday that MacMillan Bloedel failed to take action to cut its losses in a million-dollar forest fire and referred its damage claim to the B.C. Supreme Court registrar for assessment.

The Appeal Court judges also refused to allow the forest company's claim of \$136,311 for falling snags and reforestation in the burned-out area.

The judges were dealing with an appeal by B.C. Hydro and Power Authority, Basil Van Horne and Alex Brayden, against a B.C. Supreme Court award of \$1,213,669 to MacMillan Bloedel. The award arose from a fire August 16, 1967, which damaged 6,400 acres of timber.

Hydro and its employee Van Horne were held 65 per cent responsible for the blaze, caused when blasting knocked a conductor from a Hydro transmission pole at the west end of Sproat Lake on Vancouver Island.

Hydro, the Appeal Court judges said, was negligent for failing to de-energize the power line after receiving notice of blasting and was vicariously responsible for Van Horne's negligence in failing to install insulators on guy wires that supported the power pole, for installing the wires in such a way they would carry electricity to the stumps, for leaving excess wire in highly conductible material.

Judgment said that de-energizing the wire would have been one step that would have prevented a loss occurring.

Brayden, a department of highways employee supervising the Port Alberni-Tofino Highway improvement project, has been held 35 per cent responsible in the B.C. Supreme Court judgment.

But Appeal Court Justices J. D. Taggart and H. W.

Davey reduced this to 17½ per cent.

They ruled that Roy David Adams, a blaster employed by Windsor Construction (1962) Ltd., also was 17½ per cent to blame, and that Windsor was vicariously responsible for its employee.

Mr. Justice A. E. Branca dissented from the majority and would have freed Brayden of responsibility.

In the Appeal Court judgment the two men were found negligent for failing to move big pieces of rock to a safe distance from the power pole before blasting them.

According to evidence the pole was supported by guy wires wrapped around nearby stumps and these were set afire when the conductor was knocked from the pole and four charges of electricity, each generating tremendous heat from approximately 3 million watts, went into the ground in hazardous forest fire weather.

The fire burned from August until early September and the Appeal Court judges found that failure to build roads and log the burned area increased damage caused by sap rot.

The judgment said that no matter how quickly timber was removed some damage would be caused by sap rot but in this case it accounted

for \$934,400 of the more than \$1 million claim.

Hydro, represented by Alan McEachern, argued that the claim for sap rot damage was materially increased because the timber company failed to remove the timber in a reasonable time.

The Appeal Court ruled that complacency induced by absence of visible sap rot and anticipated savings from the completion of one road, led to a slowdown of vital road construction and logging in the burned area. Mr. Justice Taggart noted that before the fire was under control the timber firm was planning how to salvage timber and had revised a 10-year plan to do so.

"Had the plan been adhered to, it is clear that a substantial portion of the damaged timber would have been removed by the end of 1969 with only a relatively small volume to be removed in the year 1970.

"If that had been done the claim for damage by sap rot would have been materially reduced," he said.

He said he would allow the appeal, insofar as it relates to the failure of MacMillan Bloedel to mitigate its damages, and would refer the matter to the registrar to determine what the sap rot loss would have been had the 10-year logging plan been carried out.



SEPARATE HISTORY

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Date (and hour)

August 16, 1967
Wednesday

14:50 hours

Telephone call received from the Department of Highways (Court House), Alberni, reporting a fire on the Tofino Public Road right of way, west of the Taylor River bridge. The Department of Highways stated that the fire had been caused by a power line which had broken from blasting by the road construction crew. This report of a broken power line later proved to be incorrect. Apparently the power pole at the site of the fire had been jarred or struck by a rock from the blast, causing one power line to break free from the insulator, falling across a guy line. As the power pole was guyed to both sides of the right of way, the electric current passed down both guy lines, causing one or more fires on each side of the right of way.

From information obtained later, the fires south of the Tofino Highway and across Sutton Creek were extinguished by the road construction crew. The fire or fires north of the Tofino Highway were apparently not noticed for a period of time.

The history of events following the outbreak of the fire until the arrival of the Forest Service is very vague. We have been unable to obtain any definite information for this period of time, to our satisfaction.

B.C. Hydro and Power Authority advises that their records show the initial power failure occurred at 14:27 hours (Pacific Daylight Time). They also advise that the line would be re-energized by automatic relays after the initial failure, and then the power would be cut off for the second time if the short circuit was still in the line.

Fire conditions in the Taylor River area apparently were extremely hazardous. Stamp Lookout weather readings at 16:00 hours were: Humidity 26, Fuel Moisture Sticks 5.5, Temperature 90, Wind SW 7, Drought Index 20, Danger Index 12. This lookout is located 12½ miles east of the origin of the fire.

Officer i/c Fire.

Ranger.

FINAL FIRE REPORT
SEPARATE HISTORY

Fire name TAYNo. 5132

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily, chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

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Date (and hour)

Alberni Lookout weather readings at 16:00 hours were: Humidity 24, Fuel Moisture Sticks 4.5, Temperature 93, Wind S 18, Drought Index 25, Danger Index 13. This lookout is located 26 miles east of the fire origin

Sproat Lake Division, MacMillan Bloedel Limited, weather station (near Stamp Lookout) weather readings at 16:00 hours were: Humidity 20, Fuel Moisture Sticks (slash) 5, (timber) 7, Temperature 92, Wind S 12. This station is located 13 miles east of fire origin. Company hazard rating on this date was 114. Normal closure line is 75.

Road Construction crew consisted of:

Department of Highways personnel - 5 men

Windsor Construction (1962) Ltd. - 15 men, 2 Swiftsure cats, 3

crumblers, 3 dump trucks, 2

loading shovels, 1 compressor,

and 1 rocker

The Department of Highways advises the above company equipment was hired on an hourly basis.

14:51 hours

Fire reported by Ranger Haley to W. Gray, Fire warden of Sproat Lake Division, MacMillan Bloedel Limited, as the Tofino Public Road passes through Tree Farm Licence 21. Requested Forest Industries Flying Tankers Ltd. to be alerted. Assistant Ranger Aalgaard and two Forest Protection Assistants dispatched to fire area with pump, hose, and hand tools.

15:00 hours

Instructed G. Jorgenson, Project Supervisor of Sproat Lake Division, to authorize use of Mars aircraft on fire. Mr. Jorgenson advised pumps, hose, and men dispatched to fire.

15:05 hours

First water drop on fire by Mars aircraft LYI. Early action by Mars aircraft was due to the fact that the aircraft was taxi-ing for take-off at the time fire report received.

SEPARATE HISTORY

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Date (and hour)	
	Regarding the initial drops of the Mars aircraft, we were told that the first drop missed the fire completely, the second drop partially hit the fire, and the force of the wind from the second drop scattered the fire over a considerable area.
15:15 hours	D.H. Owen, Protection Officer, Vancouver, notified of action taken
15:40 hours	Assistant Ranger A. Aslgaard and one Forest Protection Assistant arrive at fire. Size at this time - approximately 7 acres. Fire burning hot. Mars noted dropping on fire area when men arrived. Wind W 15. No action on the fire by the road construction crew at this time as crew were moving equipment to safer areas.
15:50 hours	Mars aircraft CF-LYL returned to base due to overheating of engine. This overheating was caused by existing high air temperature at time of action. By this time three drops had been made by the Mars. Windsor Construction crew and 3 Department of Highways personnel put on fire. Forest Protection Assistant and 6 Windsor men left on west flank of fire to construct hand-guard.
16:00 hours	Pump and hose arrive at fire with second Forest Protection Assistant. Spot fire noticed on east side of Tofino Highway near Taylor River bridge.
16:05 hours	Fire pump set up in Taylor River near Taylor bridge with one Forest Protection Assistant and 2 Windsor men. 2 Department of Highways men left patrolling road for rolling logs and rock.
16:10 hours	Increase in wind to West 25 miles per hour causing severe spotting south of Taylor River, east of bridge, as far as 1,000 feet in advance of fire. Second Mars bomber, LYK, makes one drop. Unable to ascertain at this time the locality of drop. This bomber (CF-LYK) had to return to base at 16:25 due to mechanical difficulties.
16:20 hours	More pumps and men ordered.
16:30 hours	Fire spreading rapidly eastward, being pushed by strong west wind. Due to heavy smoke and flames pump and men withdrawn on east flank. Taylor River bridge in danger of burning.

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Date (and hour)

16:45 hours

Bird Dog reports size of fire at 50 acres plus, on arrival at fire with Canso 3.

Two additional pumps and hose dispatched to fire from Ranger Station.

16:50 hours

Canso to bomb west and southwest edges of fire.

17:15 hours

Forest Protection Assistant arrives with more pumps and hose. 3

MacMillan Bloedel Ltd. men arrive with tanker truck.

17:25 hours

Bird Dog reports that fire east of Taylor River bridge and south of Tofino Highway is burning out of control.

Spot fire noticed near top of the northwest flank.

Pumps and crew of 9 (3 MacMillan Bloedel Ltd., 5 Windsor Construction Ltd., and 1 Forest Protection Assistant) attempting to save north side of highway approximately $\frac{1}{2}$ mile east of Taylor River bridge.

Canso unable to bomb north side of road due to the heavy smoke cover. South side of fire burning and crowning - 1 MacMillan Bloedel Ltd. fire truck in this area.

17:40 hours

Mars bomber LYK taking off for second flight; first drop estimated at 17:50 hours.

17:45 hours

Canso 3 lands on lake; Bird Dog proceeding to Alberni because of air congestion over fire.

18:00 hours

MacMillan Bloedel Ltd., Kennedy Lake Division, crew of 60 men arrive at west flank of fire with 2 slip-on tanks.

Fire on northwest ridge burning fiercely in all directions and has burnt south to the Tofino Highway.

18:10 hours

Fire reported to be out of control and burning north across Branch 505.

18:20 hours

All men and equipment on east flank withdrawn due to extreme hazard from fire. Fire crowning on both sides of Tofino Highway. Wind picking up to approximately 40 miles per hour from west. Mars bomber LYK in action on the present northeast flank.

Fire name TAY
No. 5132

FINAL FIRE REPORT SEPARATE HISTORY

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Date (and hour)	
18:50 hours	Mars bomber LYL taking off for second flight over fire. Seven drops made on north edge of fire to facilitate removal of equipment from Branch 500B. Last drop made at 19:30 hours.
19:10 hours	Glen Hall, Log Production Manager of MacMillan Bloedel Ltd. reports from Company Biri Dog that: <ul style="list-style-type: none"> (a) Fire within 1 mile of west end of Sproat Lake (b) Fire burning on both sides of valley heading east (c) There was danger that the fire would spread down both sides of Sproat Lake
20:00 hours	Fire has now reached Branch 500, approximately 3½ miles east of the fire origin. Approximately 60 Company men from MacMillan Bloedel Ltd., Sproat Lake Division, arrive at fire area.
20:30 hours	All men on east flank pulled back to Taylor log dump.
21:00 hours	Total darkness hampers any attempts to ascertain extent of fire. Protection for Taylor log dump set up. Approximately 30 men on night shift August 16th and 17th for moving of equipment from Sproat Lake Division. Kennedy Division crews constructing cat guard along west flank all night. The balance of this night was spent organizing crews and equipment for action on the following day.
23:00 hours	With the exception of the west flank, very little effective action was possible on this day due to the rapid spread and the heat of the fire. The fire had burned to the head of Taylor Arm, Sproat Lake, but now has slowed considerably because of night. Taylor River bridge destroyed. Tofino-Alberni Highway closed to traffic for fear of injuries to travelling public by heavy equipment on road and fear of fire "blowing-up" again. TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE. 87

SEPARATE HISTORY

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Date (and hour)

August 17, 1967

01:00 hours

1 loader and 1 yarder and 1 rig-up unit removed from Branch 505D.

05:00 hours

Meeting with MacMillan Bloedel Ltd. personnel at Sproat Lake Division headquarters to discuss plan of action. Present at this meeting:

G.W. Sverre - Divisional Logging Engineer, Sproat Lake Division

D. Radcliffe - Chief Fire Prevention Officer

D. Watts - Chief Protection Officer

D.B. Turner - Manager, logging operations

Glen Hall - Manager, log production, Region 1

K. Haley - Ranger, Ranger District 25

J.D. Bailey - Protection Officer, British Columbia Forest Service

Estimated size of fire - 3,000 acres

General Control Plan

- (1) Hand guard to be constructed along fire edge at Useless Creek south of Sproat Lake
- (2) Branch 22 to be extended onto top of ridge between Sproat and Great Central Lakes for access and fire control.
- (3) Construction of cat guards from Branch 500 to top of ridge west of Mt. Porter.
- (4) Construction of cat guards along west flank of fire from Tofino Highway.
- (5) Construction of cat guards at Two Rivers Arm and Antler and Snow Creeks.
- (6) Pumps to be set up at various lakes and swamps on ridge top north of Tofino Highway.

05:00 hours

A.M. shift marshalled at Sproat Lake marshalling yard.

06:00 hours

Very heavy smoke layer covering entire fire area down to 900 feet elevation. Unable to determine extent of fire on ridges.

06:15 hours

Fire generally quite all sections. Cats constructing guards along west flank from Tofino Highway to Branch 505. 60 men, 2 cats, and 2 slip-on tanks from Kennedy Lake Division at fire.

1 cat commencing construction of access road from Branch 500 enroute to Doran Lake.

Officer in Charge

Ranger.

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Date (and hour)

4 cats opening guards north of Tofino Highway between Branch 520 and Branch 500 on east flank of fire.

Cats barged across Two Rivers Area to commence construction of guards on south side of Sproat Lake. Extension of Branch 307 to link with guard.

Commencement of hand guard up Useless Creek on southeast flank. 40 men and 2 pumps in this area.

06:15 hours

Commencement of extension from Branch 22 up to ridge top between Sproat and Great Central Lakes. Slip-on tankers pumping on all accessible flanks.

07:00 hours

Canso 3 and Bird Dog unable to operate due to heavy smoke. B.C. Hydro crews repairing transmission line to West Coast.

10:00 hours

Reconnaissance of fire attempted by Ranger K. Haley and J. Bailey, Protection Officer, in Helicopter OKC. Unsuccessful due to heavy smoke layer down to 500 foot level. Wind light easterly.

12:00 hours

Department of Highways commenced construction of culvert across Taylor River.

13:30 hours

Meeting between MacMillan Bloedel Ltd. and Forest Service to discuss responsibility of parties concerned on the fire. Members present:

MacMillan Bloedel Ltd.

G.W. Hall -	Production Manager Region I
D. Radcliffe -	Chief Fire Prevention Officer, Woods
D.H. Turner -	Manager Logging Operations
F.P. Garrison -	Manager Engineering & Development
W.J. Pearson -	Manager Forestry Operations
F.H. Neighbour -	Supervisor Forestry Operations
D. Watts -	Chief Protection Officer
H.R. Chisholm -	Assistant Vice President & General Manager
C.W. Sverre -	Divisional Engineer (Sproat Lake Division)

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Date (and hour)

Forest Service

H.B. Forse -	District Forester
D.H. Owen -	Chief Protection Officer
J.D. Bailey -	Protection Officer
K. Haley -	Ranger, Ranger District 25

Discussion of the following points at the meeting:

- (a) Fire fighting operational plans
- (b) Manpower and equipment
- (c) Restriction of traffic on highway
- (d) Instructions to Sproat Lake Division on fighting of fire which had spread onto T.F.L. 21.
- (e) Use of water bombers at discretion of MacMillan Bloedel Ltd.
- (f) Contact to B.C. Hydro re: discontinuation of power if fire spreads east of present location.

Control plan meetings to be held twice daily between Company and Forest Service at 04:00 and 16:00 hours.

Mr. L.N. Taggath, Logging Manager, Sproat Lake Division, appointed over-all fire boss.

It was noted at this meeting that the fire was considered a MacMillan Bloedel Ltd. responsibility as fire had spread onto their property.

16:00 hours

Wind changed from east to west most days during the fire and was a major determining factor in the spread of the fire on the succeeding days.

Fire picking up with wind of N 5 to 8 miles per hour.

17:30 hours

Mars bomber LYK had made 4 drops on advancing edge of northwest flank up to this time.

17:35 hours

Helicopter OKO dispatched to Campbell River fire, O.F. Pearl.

18:00 hours

Laying of hose commenced from end of Branch 5050 up west flank in effort to control advance of fire west through mature timber on steep, rocky terrain.

Officer i/c Fire.

Ranger.

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Date (and hour)

24:00 hours

Record of weather from Company weather station:

Time	Humidity	Slash	Temperature	Wind	Hazard
08:00	68	7	61	calm	61
12:00	58	7	69	calm	68
16:00	29	6	84	calm	88

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE - 300

August 18, 1967
Friday
05:00 hours

Fire on southeast flank has burned above then down and across hand guard constructed at Useless Creek and is now burning in 10 to 13 year old A-Frame logging slash into a light easterly wind. All other sectors of fire very quiet. Entire fire area covered by an extremely heavy smoke layer.

06:00 hours

Men and equipment assembled for morning shift, approximately 214 men, 10 cats, 17 tankers, and 6 pumps plus hose.

Breakdown of fire areas as follows:

SNOW CREEK (South of Sprout Lake - 20 men dispatched to construct hand guard in order to check spread of fire in old A-Frame slash, also a plan to backfire from hand guard, if constructed in time, to take advantage of favourable wind. Hose relay to be set up. 2 cats being barged up Sprout Lake for Snow Creek cat guard through slash area. Use of cats very limited, due to steep, rocky, terrain. No road access on south side of lake. Balance of crew placed on various sectors and flanks.

WEST FLANK - Cat guards completed from Tofino Highway to Branch 505D. Hose relay system up from Branch 505D continuing.

BRANCH 520 area - Cat guards being constructed along east flank. Hose lay commenced north from Branch 520C along north east flank of fire

BRANCH 22 AREA - Extension from this Branch continuing. 2 cats and fallers working in this area.

Officer i/c Fire.

Ranger.

Fire name TAY
5132
No. _____

FINAL FIRE REPORT

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc. Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)	<p>Additional cat to assist the 2 cats constructing guard up south side of Sproat Lake near Two Rivers Arm.</p> <p>Company Engineering and Cruising crews employed in making a general reconnaissance of fire area and in locating road and hand guards. Above crews also assisted in locating spot fires beyond main fire and locating water sources on the north flank.</p> <p>Unable to make air reconnaissance of fire due to heavy smoke layer. Extent of fire still unknown.</p>
10:30 hours	<p>Meeting held at Alberni Ranger Station with Mr. K. Jens of Windsor Construction (1962) Ltd. to explain the Company's responsibility with regards to their obligations relating to the fire, i.e. cause of the fire, their initial action, and their connection with the Department of Highways.</p>
11:35 hours	<p>15,000 feet of hose and 15 hand tank pumps ordered from Courtenay Warehouse.</p>
12:30 hours	<p>Fire quiet all flanks.</p>
13:30 hours	<p>Air reconnaissance made of west flank of fire; unable to view remainder of fire due to smoke conditions.</p>
14:00 hours	<p>Wind changing from easterly to westerly.</p>
15:00 hours	<p>Meeting held at fire headquarters, Taylor log Dump, with Company fire bosses. Discussed and agreed that two day shifts of eight hours each (06:00 to 14:00 and 14:00 to 22:00 hours) each day; commencing August 19th, this will constitute 150 men per day shift. From 22:00 to 06:00 hours, six men will be on night patrol. If additional men required during the heat of the day, sufficient men will be kept on the fire line from first day shift.</p>
16:00 hours	<p>Additional cat barged over to Snow Creek for construction of guard on flats.</p>
16:15 hours	<p>Smoke clearing from fire area, helicopter CF-UFX called for air reconnaissance.</p>
17:00 hours	<p>Fire in old A-Frame slash, spreading rapidly due to strong westerly winds. No control measures possible.</p>

FINAL FIRE REPORT SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc. Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

17:10 hours

Smoke cleared from west flank, one hot spot in northwest corner, crew dispatched with pumps and hose for action. In order to assist crew in holding this corner, Mars aircraft LYL called by L.H. Tagseth

17:25 hours

Helicopter arrived for reconnaissance purposes.

17:50 hours

First drop by Mars aircraft LYL. 9 drops total.

18:10 hours

Fire in old A-Frame slash, south of Sproat Lake out of control. Smoke rising and spreading north east across Sproat Lake, over switchbacks and Tofino Highway. Tankers and crews dispatched dispatched to switchback areas to stand by for action on possible spot fires.

20:00 hours

Crews and cats removed from Snow creek area

20:10 hours

Fire in old A-Frame slash approximately 1,000 feet west of Snow Creek. Rate of spread decreasing at this time.

22:00 hours

Night patrol on. Estimated total acreage 3,500 acres at this time.

24:00 hours

Record of weather from Company weather station:

Time	Humidity	Sticks	Temperature	Wind	Hazard Rating
08:00	67	8.5	63	calm	65
12:00	49	7	74	calm	72
16:00	30	6.5	82	SE 3	88

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE - 270

August 19, 1967
Saturday

02:00 hours

All fires quiet; light easterly wind

05:00 hours

Fire Control meeting held with:

L.H. Tagseth
I.K. Barber
D.A. Dowsley
D. Radcliffe
J.D. Bailey

General discussion and organization plans on action to date and in future. Smoke haze ceiling at 500 feet, lifting slowly.

05:30 hours

First day shift arrives at fire headquarters, Taylor Log Dump

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

30 men dispatched to Snow Creek to continue hand guard and hose lay.
Cats enroute by barge again. Fire edge within 800 feet of Snow Creek.
Crews mopping up hot spots along west flank, hose lay being extended from Branch 505D, north along flank.
Cat guard continuing from Branch 500, approximately 500 feet completed west, and 1,500 feet right of way felled. Tanker crews called for spot fire found northwest of end of Branch 500.
Crews continuing pumping operations along east flank, north of Branch 520C.
Branch 22 extension continuing by 2 cats and fallers.
3 cats working on cat guard in Two Rivers Arm area. Additional cat pushing access to Two Rivers Arm area from end of Branch 307.
08:30 hours Cats return to Snow Creek to resume guard construction.
08:40 hours Mars bomber action on ridge top of Mt. Porter hot spots to prevent fire from spreading over top of ridge.
09:00 hours Traffic convoy started from roadblocks on both ends of Tofino-Alberni Highway. A total of 268 vehicles travelled east.
09:50 hours Cat guard at Snow Creek completed to 1,000 foot elevation, from that point hand guard continued to 2,000 foot elevation. Fire edges being attended with hose and pump relays.
14:00 hours Wind changed from easterly to westerly.
15:00 hours Fire burning firecely at Snow Creek and north flank - east of Mt. Porter. Wind W 10 miles per hour.
16:00 hours Mars bomber dropping northwest corner of fire.
Humidity at Alberni Lookout - 28%.
17:00 hours Fire on northeast flank whipped by strong westerly winds; crowned and spread easterly for a distance of 60 chains, and north to top of ridge.
Fire headquarters at Taylor Log Dump evacuated.

Officer i/c Fire.

Ranger.

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

Tankers and men patrolling switchback area on Tofino Highway for action on possible spot fires.

19:00 hours

2 cats pulled out of Branch 500 because of flare-up on northeast flank.

20:00 hours

Cat completed link with Branch 307 and Two Rivers Arm guard.

21:00 hours

Spot fire located above Branch 34, extinguished by crew with pump.

Size of fire estimated at 5,000 acres.

24:00 hours

Weather records from Company weather stations:

<u>Time</u>	<u>Sticks</u>	<u>Temperature</u>	<u>Wind</u>	<u>Hazard Rating</u>	<u>Humidity</u>
08:00	7	67	calm	68	58
12:00	7	77	SE 4	76	43
16:00	6	84	SE 3	95	29

TOTAL NUMBER OF MEN ON FOREST SERVICE PAYROLL THIS DATE. - 279

August 20, 1967
Sunday

05:30 hours

Overcast, cooler temperatures.

Crews arrived at new fire headquarters, dispatched as follows:

SNOW CREEK - 30 men extending hand guard and hose lay, gravity system set-up

WEST FLANK - 10 men, 3 tankers and pump relays, combating hot spots along fire edge north of Branch 505D

NORTH FLANK - 2 cats, fallers, continuing guard and extension from Branch 22. New guard started by 2 cats working along timber edge from Branch 38. Unburned portion of timber in junction of Branch 520A and 520C being patrolled and mopped up by 2 tankers and crew

EAST FLANK - Hand guard and hose lay commenced from Branch 36 north up slope along new edge of fire.

TWO RIVERS ARM - Guard completed and widening continuing.

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

10:00 hours Mars bomber in action on hot spots along north flank. Light rain commenced on northeast flank.

12:00 hours Light sprinkle of rain began in Snow Creek area.

13:00 hours Gat TD 30 landed at Antler Creek on south shore of Sproat Lake to construct guard. (Precautionary measure only).

13:35 hours Smoke over entire fire area clearing rapidly. First opportunity to assess extent of fire.

13:37 hours Helicopter employed to reconnaissance entire fire area by various fire bosses and Forest Service personnel.

14:40 hours Both Mars aircraft dropping on spot fires above Branch 36, northeast flank, ground crew on way in.

16:00 hours Mars bomber dropping northeast flank. Light rain over entire fire area.

16:45 hours Mars dropping on hot spots near hand guard, Snow Creek area.

17:45 hours Helicopter MUK departed fire for Squamish.

18:25 hours Helicopter OKU arrives Alberni from Campbell River

18:30 hours Rain fairly heavy at higher elevations - general fire area very quiet.

22:00 hours Tofino Highway re-opened for traffic from Alberni until 02:00 August 21st

24:00 hours Tofino Highway re-opened for traffic from Tofino until 04:00 August 21st

Weather records from Company weather station:

Time	Humidity	Sticks	Temperature	Wind	Hazard Rating
08:00	73	8.5	63	calm	49
12:00	66	7	70	SW 6	65
16:00	64	8	70	N 18	77

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE - 364

Officer i/c Fire.

Ranger.

FINAL FIRE REPORT
SEPARATE HISTORY

Fire name TAYNo. 5132

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

August 21, 1967
Monday

05:00 hours

Weather - Heavy smoke and fog. Fire fairly quiet.

06:00 hours

SNOW CREEK - 40 men continuing hand guard - fire very quiet.

WEST FLANK - Branch 505D - Tanker crew and pump relay continuing action to control fire in this section.

NORTHEAST FLANK - Cat guards being constructed between Branches 520 and 36. Hand guards and pump relays working hot spots above Branch 36.

EAST FLANK - Branch 22 extension of cat access still in progress. Approximately $1\frac{1}{2}$ miles constructed. Branch 38 construction of cat guard along timber edge continuing

TWO RIVERS ARM - 2 cats widening cat guard

ANTLER CREEK - 1 cat still constructing guard

08:50 hours

Helicopter OKG employed to lift equipment into Snow Creek flats.

Helispots construction commenced.

09:40 hours

Helicopter OKG lifting men and equipment into Doran Lake in order to consolidate fire line on the northwest flank.

11:30 hours

Cat guards between Branches 36 and 520. Northeast flank completed

13:00 hours

Second cat moved via barge from Snow Creek to Antler Creek. Approximately 25 chains cat guard constructed to date.

14:00 hours

Wind changed from easterly to westerly.

15:00 hours

Clouds disappearing, winds increased to W 10 miles per hour

16:00 hours

2 large spot fires ahead of main front on northeast flank starting to flare-up. Mars aircraft employed to allow hand guard action

16:55 hours

First Mars drop over spot fires east of northeast flank

17:00 hours

Authorization given to Company to release men of the Kennedy Lake Division from further fire fighting duties. This crew to be replaced by men from other divisions.

Officer in Charge

Ranger.

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc. Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

Weather records from Company weather stations:

<u>Time</u>	<u>Humidity</u>	<u>Fuel Moisture</u>	<u>Temperature</u>	<u>Wind</u>	<u>Hazard Rating</u>
08:00	85	22	59	calm	12
12:00	68	13	67	N 8	41
16:00	58	10.5	70	N 7	51

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE -- 405

August 22, 1967
Tuesday

05:00 hours

Fire generally quiet. Weather - low broken cloud. Wind - light southeast.

06:00 hours

Crews and equipment dispatched to all flanks as previously reported.

08:30 hours

District Forester, H.B. Forse, arrived for assessment of fire situation.

10:45 hours

Mars aircraft dropping on hot spots east of main fire. Hose lay from Lake # 1 on Branch 22 extension, underway, in an effort to control spread of hot spots. Additional cat moved up to Branch 22 to aid crummies and pickups up steep, loose grade.

11:35 hours

1 Mars bomber dropping on hot spots east of main fire. Second Mars bomber dropping on fire edge east of Mt. Porter.

13:05 hours

D.H. Owen, Protection Officer, arrives head of Taylor Arm, Sproat Lake

15:35

Meeting held with Company officials at fire headquarters. Present were:

H.B. Forse -	District Forester
D.H. Owen -	Protection Officer
J.D. Bailey -	Protection Officer
K. Haley -	Ranger, Ranger District # 25
Company Officials	

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

As a result of this meeting, it was decided that this was a Forest Service fire and that MacMillan Bloedel Ltd. were only responsible for the number of men on payroll within TFL 21 when the fire occurred. The Company is responsible for 131 men and equipment.

16:00 hours

Mars dropping on Branch 520 in order to cool advance of fire until cat guard completed. This action was observed by Forest Officers and deemed not necessary.

19:00 hours

Air reconnaissance of fire made by Ranger K. Haley and I.K. Barber, fire boss of afternoon shift. Company instructed to withdraw all equipment from Two Rivers Arm area (3 cats and 1 tanker). Guard completed, no further action deemed necessary.

Record of weather from Company weather station:

<u>Time</u>	<u>Humidity</u>	<u>Fuel Moisture</u>	<u>Temperature</u>	<u>Wind</u>	<u>Hazard Rating</u>
08:00	86	15.5	56	calm	26
12:00	54	11	70	N 5	53
16:00	40	8	77	N 10	72

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL, THIS DATE - 367

August 23, 1967
Wednesday

05:00 hours

Weather - generally overcast, cooler

06:00 hours

Crews and equipment dispatched to sectors as previously mentioned. All fire areas quiet until 16:00 hours.

14:00 hours

Wind changed from Easterly to Westerly

15:30 hours

All men and equipment in Antler Creek withdrawn, no further action deemed necessary.

16:00 hours

Fire building up east of Mt. Porter. Mars bomber called, approximately 3 drops needed to prevent fire spreading or spotting over ridge.

17:00 hours

Helicopter reconnaissance with Ranger Haley and I.K. Barber confirmed that fire had jumped cat guards into Branch 520C area and was now burning into old slash and standing timber.

Both Mars diverted to action on this sector. 2 cats, pumps, and slip-on tankers employed in controlling this outbreak.

FINAL FIRE REPORT
SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc. Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

20:00 hours

Fire outbreak near Branch 520G brought under control

20:00 hours

Winds W 10 miles per hour, gusting up to W 20 miles per hour

Record of weather from Company weather stations:

<u>Time</u>	<u>Humidity</u>	<u>Sticks</u>	<u>Temperature</u>	<u>Wind</u>	<u>Hazard Rating</u>
08:00	80	14	58	calm	27
12:00	45	10	70	N 7	57
16:00	46	8.5	79	SE 14	57

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE - 377

August 24, 1967
Thursday

05:00 hours

Fires generally quiet in all areas. Weather - clear and warmer.

06:00 hours

Crews dispatched to flanks as previously stated. Additional crews and equipment employed in Branch 520 area to complete and improve cat guards.

10:00 hours

5 Windsor Construction Ltd. men employed on bridge approaches on Taylor River by Department of Highways. On questioning foreman of Windsor Construction (1962) Ltd., Mr. Kenneth Jens, he stated that advice had been received from the Department of Highways that permission had been granted to employ these men on bridge work. Permission had not been granted from this office.

Both Mars aircraft dropping on spot fires east of northeast flank at Company discretion.

11:00 hours

By this time instructions received from Vancouver District Office that the Mars aircraft from this date on to be employed on the Tay fire only on the written instructions of a senior Forest Officer. Use of Helicopter 204B and Hillier 12E under Forest Service authorization only.

11:30 hours

Mr. W. Bos, Resident Engineer, Department of Highways, called at office to request re-location of fire headquarters, due to obstruction of road at crew-change times.

14:00 hours

Wind changed from easterly to westerly. No flare-ups on any fronts, fire quiet all day. First day of relatively calm fire activity.

Officer i/c Fire.

Ranger.

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

18:00 hours

Meeting held at fire headquarters. Persons present were:

I.K. Barber -	Manager, Franklin Division
R. Miller -	Manager, Northwest Bay Division
W. Loukes -	Manager, Shawnigan, Copper Canyon, and Nanaimo River Divisions
K. Halcy -	Ranger, Ranger District # 25
J.D. Bailey -	Protection Officer

Discussed general fire situation, decision made to reduce crew in Snow Creek area to 12 men per shift. Crew from this area to be employed on the northeast flank,

Record of weather from Company weather station:

Time	Humidity	Sticks	Temperature	Wind	Hazard Rating
08:00	65	10.5	58	calm	45
12:00	37	8	70	E 3	66
16:00	29	7.5	76	SE 4	76

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE -- 378

August 25, 1967
Friday

05:00 hours

Fires in all sections fairly quiet

06:00 hours

Crews and equipment dispatched to various flanks. Additional crew from Snow Creek dispatched to northeast flank in an attempt to complete hand guards in this section. Cats recommended extension of Branch 500.

10:10 hours

Instructions issued to Mr. L.N. Taggath, Company fire boss, that all future operations of the Mars aircraft on the TAY fire from this date must be authorized by a senior Forest Officer. Unauthorized use of the aircraft will be at the discretion of the Company Officials and the costs may not be borne by the Forest Service.

11:00 hours

Wind changed from east to west, picking up.

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

14:25 hours

Fire on northeast flank, north of Branch 36, flared up and crew unable to control. Permission granted to employ Mars aircraft. Concern expressed that if this flare-up should crown, due to its location at the lower edge of the slope, the safety of the crew on the northeast flank would be jeopardized.

16:45 hours

Mars aircraft released after 10 to 12 drops and returned to base

20:00 hours

Although humidity down to 24% at 16:00 hours and the wind at 6 miles per hour fire did not change its size appreciably nor did any flare-ups get away.

Fire headquarters re-located to new site $\frac{1}{4}$ mile east of Branch 520, off Tofino Highway.

Record of weather from Company weather station:

<u>Time</u>	<u>Humidity</u>	<u>Sticks</u>	<u>Temperature</u>	<u>Wind</u>	<u>Hazard Rating</u>
08:00	59	9.5	60	calm	50
12:00	44	8	72	SE 4	63
16:00	24	6.5	81	SE 6	90

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE -- 390

August 26, 1967
Saturday

05:00 hours

Fire generally quiet in all areas. Clear and warm, per overnight recovery.

06:00 hours

Crews and equipment dispatched to continue work in various sectors as previously stated. Bell 204B Helicopter along with Hillier 12E employed in the lifting of men and equipment onto the top of ridge of northeast flank. Helispots at East Lake, Snow Creek, Forter East, Branch 22, and north of Branch 505D constructed to enable greater use of crews on actual fire fighting. Previous to this considerable time lost due to men hiking into various sectors.

09:15 hours

Laying of aluminium pipe line above Branch 505D along west flank commencing to increase volume and pressure of water.

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

11:00 hours

This aluminium pipe line will enable crews to link up with hose lay from East Lake thus gaining control of fire along this northwest flank.

Wind changed from easterly to westerly.

Greatest area of concern is the north flank. Greatest effort at this time was to keep the fire out of the Great Central Lake drainage.

This area comprised of large areas of unburned logging slash.

15:00 hours

Fires generally quite active due to low humidities. Humidity 18%, sticks 5.5 at 16:00 hours.

15:15 hours

Mars aircraft LYK dropping on spot fires, northeast flank. Further drops made north of Branch 505D and east of Mt. Porter. Hose lay between 505D and East Lake not completed. Mars aircraft employed to cool down fire to enable ground crew to gain control.

16:00 hours

Total of 12 drops on both northwest and northeast flanks. Branch 520 area - guards completed, quiet, under patrol.

18:42 hours

Last drop of Mars LYK

Record of weather from Company weather station:

<u>Time</u>	<u>Humidity</u>	<u>Sticks</u>	<u>Temperature</u>	<u>Wind</u>	<u>Hazard Rating</u>
08:00	49	6.5	65	calm	66
12:00	28	6	82	NW 5	86
16:00	18	5.5	88	SW 9	99

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE - 341

August 27, 1967
Sunday

Fire generally quiet all sections in morning. Fair overnight recovery (8:00 a.m. relative humidity 60%).

06:00 hours

Crews dispatched to various flanks. Snow Creek area very quiet, 12 men mopping up. Crew lifted to top of Mt. Porter to construct hand guard east along flank to prevent fire from spreading across ridge to Great Central watershed.

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

13:00 hours

Mars bomber made 2 drops on northwest corner of fire above Branch 505D as ground crew was unable to hold fire at this point. Action by Mars successful. Both Mars aircraft used on Mt. Porter and northwest flanks on flare-ups.

18:15 hours

Due to strong winds fire jumped cat guards between Branches 550 and 505 near the Taylor River. Cats and slip-on tanks diverted to area. Mars aircraft employed to make 5 drops commencing at 19:14 and terminating at 20:30 hours.

21:00 hours

All fires on west flank under control. Fire confined to logging slash area. Additional spread estimated at 15 acres.

Record of weather from Company weather station:

Time	Humidity	Sticks	Temperature	Wind	Hazard Rating
08:00	60	6	67	calm	66
12:00	46	5.5	78	N 1	72
16:00	26	5.5	84	SE 9	98

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE. - 305

August 28, 1967
Monday

All fire areas quiet in morning.

06:00 hours

Crews dispatched to various flanks. Cat guards being improved in Branch 505 and 550 where trouble occurred previous day, edged being mopped up.

08:00 hours

Crews, 2 cats, 3 tankers working on west flank adjacent to Taylor River to avoid another flare-up in this area.

13:30 hours

Wind east 8 to 10 miles per hour. Mars made 2 drops on west flank, near Taylor River.

13:45 hours

Fire flaring up in northwest corner, about 2,000 foot level.

14:00 hours

Mars aircraft employed to cool down this flare-up.

16:10 hours

Mars again in action dropping on flare-up north of Branch 505D.

19:00 hours

Burned off guards along west flank.

FINAL FIRE REPORT SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

Record of weather from Company weather stations

Time	Humidity	Sticks	Temperature	Wind	Hazard Rating
08:00	66	7	68	calm	57
12:00	42	6	80	SE 5	79
16:00	21	5.5	90	SE 8	101

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE - 422

August 29, 1967
Tuesday

Sunny and warm. Fire generally quiet

06:00 hours

Crews dispatched to various flanks.

09:30 hours

Fire burning fiercely near top of ridge west of Mt. Porter. Mars requested to enable crew to complete hand guards.

11:00 hours

Mars aircraft made first drop on flare-up, west of Mt. Porter.

12:10 hours

Fourth drop made by Mars. Mars ordered to return to base. Ground crew reports action effective, as fire cooled down. D.H. Osen, Protection Officer, on inspection of fire situation.

16:00 hours

Fire jumped cat guards in vicinity of 550H due to very strong westerly winds. Burning in new slash. Fire controlled by 3 cats, 4 tankers, and 1 Mars Aircraft. Four drops.

19:00 hours

Outbreak controlled.

The Record of weather from Company weather stations

Time	Humidity	Sticks	Temperature	Wind	Hazard Rating
08:00	73	6.5	64	8 2	57
12:00	48	6	80	calm	74
16:00	29	5	92	NW 2	93

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE - 403

August 30, 1967
Wednesday

Weather - wind calm, low cloud. Helicopters unable to operate until

08:30 hours.

06:00 hours

Crews dispatched. Some crews forced to hike into various flanks. Fires generally quiet all day, although conditions still extreme.

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)

15:30 hours

Meeting held at fire headquarters to discuss crew reduction. Crew will be reduced by 50 men September 1st to bring total of fire fighters to 330 men.

Record of weather from Company weather station:

Time	Humidity	Sticks	Temperature	Wind	Hazard Rating
08:00	95	12	57	calm	37
12:00	62	8.5	70	E 3	59
16:00	34	6.5	85	SE 6	86

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE. - 478

August 31, 1967
Thursday

Weather forecast for rain September 1st. Sunny and warm. Fires generally quiet throughout the day.

Record of weather from Company weather station:

Time	Humidity	Sticks	Temperature	Wind	Hazard Rating
08:00	95	14	58	NE 2	33
12:00	78	11	65	SE 4	44
16:00	47	8	76	SW 12	00

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE. - 457

September 1, 1967
Friday

03:00 hours

Rain commenced

06:00 hours

Very heavy rain over entire fire area

07:25 hours

Decision made to lay off all outside divisional crews and to retain Sproat Lake crews on call-out basis. 43 Company men and 14 Windsor Construction men retained to move all cats and tankers to Taylor River Log Dump, to pick up pumps and pick up hose in all accessible areas.

11:00 hours

Meeting held at Sproat Lake Division headquarters to discuss manpower responsibilities, equipment, payrolls, accounts, etc.

TOTAL NUMBER OF FOREST SERVICE MEN ON PAYROLL THIS DATE - 99

September 2, 1967
Saturday

Weather - cloudy with light rain, fire quiet.

Patrol, pick up of equipment continued by 14 Windsor Construction men and 4 MacMillan Bloedel Ltd. men.

September 3, 1967
Sunday

Weather - cloudy, light showers

Patrol and pick up of hose and equipment by 14 Windsor Construction men and 2 MacMillan Bloedel Ltd. men.

SEPARATE HISTORY

In concise form, give further appropriate information pertaining to the fire. Give brief pertinent progress of fire-fighting, in daily chronological order (and by hour where applicable), noting methods used, fire behaviour, difficulties met with, etc. Make any summaries of data in tabular form; e.g., daily tally of men and equipment used, weather data if recorded at the fire, Forest Officers' times on fire, etc.

Attach copies of any written instructions, burning permits, etc., pertaining to the fire. State any general observations or recommendations you wish to make.

Date (and hour)	
September 4, 1967 Monday	Cloudy with light rain. Fire quiet. Pickup of hose and equipment continuing by 14 Windsor Construction men and 2 MacMillan Bloedel Ltd. men.
September 5, 1967 Tuesday to September 15, 1967 Friday	Intermittent patrol and pick up of hose and equipment. Windsor Construction crew released from further duties on weekend of September 9 and 10 but were to report again on Monday, September 11. Note: This crew failed to report on the 11th as they were instructed.
September 16, 1967 Saturday	Helicopter OKC used to gather hose and pumps for strategic helispot in inaccessible areas.
September 17, 1967 Sunday to September 19, 1967 Tuesday	Further ground reconnaissance of fire area on these days produced additional hose and pumps. As all three divisions were having problems with slash burn control, helicopter was requested to aid in the speed of picking up the balance
September 20, 1967 Wednesday	Fire dormant. Helicopter OKC employed to pick up balance of equipment. To the best of our knowledge at this time all equipment has been removed from fire area.
September 21, 1967 Thursday to October 6, 1967 Friday	Company men employed to clean up hose and equipment.
October 7, 1967 Saturday to October 9, 1967 Monday	Very heavy rains over the long weekend
October 10, 1967 Monday	Fire considered out.