

SUMMER  
TRAFFIC VOLUMES  
1951  
ON  
PROVINCIAL HIGHWAYS  
IN  
SOUTHERN BRITISH COLUMBIA

B.C. DEPT. OF PUBLIC WORKS

TRAFFIC BRANCH

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COPY

## P R E F A C E

This publication contains a summary of the traffic volumes taken during the summer and autumn of 1951. A good coverage of all primary paved highways in the southern section of the Province is presented. The data obtained has been compiled as Average Daily Traffic Volumes for certain periods of the year.

Section I contains an explanation of the methods used in obtaining data and includes tables of hourly variation of 24-hour traffic, of daily variation of traffic during the week, and of monthly variation of traffic for the year. In addition, a numerical example of the conversion of short time counts to average long time counts is included.

Section II contains a table and graphs showing the expected increase in vehicular traffic in future years.

Section III contains a tabulation of vehicular traffic volumes taken on Main and Secondary highways throughout the southern section of the Province. The tabulation is by numbered routes. Each count is identified by a station number, the first part of which indicates the Electoral District in which the count was obtained, and the second part of which identifies it from other stations in the district. Volumes listed are for total traffic in all directions except where otherwise noted.

The terminology used throughout the text is defined as follows:

A.T.R. :- "Automatic Traffic Record" is <sup>the term</sup> usually applied to the automatic recording counters used during the survey. These counters record every 15 minutes.

*Accumulative Counts - Total on the Hour.*  
L.C. :- "Long Counts" are traffic counts taken at strategically located control stations for a minimum period of <sup>30 days</sup> 30 days. The location of these control stations is such that the count could be assumed to have a fluctuation pattern common to all roads in the area. Certain ~~Toll Bridge and Ferry~~ traffic records were used for this purpose in addition to counts taken with A.T.R. machines.

S.C. :- "Short Counts" are traffic counts taken with A.T.R. machines or cumulative counters for a period of not less than 24 hours.

A.D.T. :- Average Daily Traffic, *which Saturdays Sundays & Holidays.*

A.D.W.T. :- Average Daily Weekend Traffic (*SATURdays & SUNDays only*)

A.W.T. :- Average Weekday Traffic (*Monday To Friday*)

VEHICULAR VOLUMES:- Includes all motorized vehicles with the exception of motorcycles and motorized farm equipment.

N O T E - It must be emphasized that these counts should not be interpreted too freely as some counts may be too heavy and other too light due to the vagaries of mechanical and electrical tabulating equipment and vandalism to the detectors. Another factor giving results which could be misleading, is the exact location at which the count was taken. It was sometimes impossible to avoid obtaining a count which was greatly influenced by a purely local condition. However inaccuracies have been eliminated as far as possible. The reader is urged to get in touch with the Traffic Engineer, should help be needed, in interpreting or comparing the counts.

SECTION I  
METHODS AND PROCEDURE OF COMPILING DATA

The A.D.T. volumes listed in Section ~~III~~<sup>II</sup> have been computed by means of the short count method. The short count method is based on the theory that the percentage of traffic in any given period of the day is a constant value at all points along the same route or for routes having the same characteristics in the same or similar districts. This theory is sometimes extended to include all fluctuations, including seasonal, daily and hourly variation.

In order to expand a short count by means of the short count method the period during which the short count was taken must be compared to a count taken during the same period at a long count control station. ~~This may be readily carried out where the control count is taken with an A.T.R. counter, but where the count is a 24-hour total (Ferries and Toll Bridges), the 24-hour total must be reduced to the period of the short count.~~ Although the 24-hour volume may vary widely at different locations the hour traffic distribution, as shown by the percentage of total daily traffic occurring in any hour, for the highways in a given area, is very nearly the same provided the highways have the same characteristics.

Hourly traffic distributions by percent are given in the following table for three different locations in B. C.

Hour	Vancouver Island Region	Lower Mainland Region Rosedale West	Southern B. C. Rosedale East.
12 a.m. - 1	1.6	2.1	1.6
1 a.m. - 2	0.9	1.0	1.1
2 a.m. - 3	0.3	0.6	0.8
3 a.m. - 4	0.3	0.4	0.6
4 a.m. - 5	0.3	0.3	0.5
5 a.m. - 6	0.4	0.3	0.6
6 a.m. - 7	1.1	0.8	0.9
7 a.m. - 8	2.4	3.0	1.9
8 a.m. - 9	3.3	4.4	2.7
9 a.m. - 10	4.3	4.3	4.2
10 a.m. - 11	5.2	5.2	6.1
11 a.m. - 12	5.6	5.3	6.8
12 p.m. - 1	5.0	5.2	7.0
1 p.m. - 2	6.3	5.5	6.7
2 p.m. - 3	6.9	6.2	7.0
3 p.m. - 4	7.5	6.4	7.1
4 p.m. - 5	7.8	7.0	7.8
5 p.m. - 6	7.2	7.7	7.9
6 p.m. - 7	6.9	6.0	6.7
7 p.m. - 8	6.7	6.5	6.2
8 p.m. - 9	6.4	7.1	5.6
9 p.m. - 10	6.3	6.3	4.2
10 p.m. - 11	4.2	4.5	3.1
11 p.m. - 12	3.1	3.9	2.3
24 Hour Total	100.0%	100.0%	100.0%

CONVERSION OF SHORT COUNTS  
TO  
AVERAGE DAILY TRAFFIC

Conversion of short time counts to average daily traffic volumes may be carried out as follows:

$$\text{Station A, Average Daily Traffic} = \text{Station A, Short time count multiplied by} \\ \frac{\text{Average Daily Traffic at Control Station}}{\text{Short Time Count at Control Station.}}$$

WHERE -

Station A, Short time count *is the* known Short Time count at location in question covering a specific period.

Station A, Average Daily Traffic *is the* unknown Average Daily Traffic at station in question.

Short time count at Control Station *is the* known short time count covering same period of time as Station A.

Average Daily Traffic at Control Station *is the* known Average Daily Traffic at Control Station, *at the same time during which short time count was taken*

The reliability of results of the above method depends upon the location of the Control Station in relation to short count stations and the correlation of defined traffic patterns.

Numerical Example

Expansion of short count on Scott Road (Station #10-13) near junction with Trans-Canada Highway south-east of Pattullo Bridge:

Short count period at Station #10-13 from 10 a.m. July 25th to 12 noon July 26th

Total traffic during period 4,503 vehicles  
Traffic for same period at Pattullo Bridge (Control count used in expansion)

From Table of hourly *Count* distribution of traffic the period from

10 a.m. to 12 midnight represents 82.8% of the 24-hour traffic  
12 midnight to 12 noon represents 27.7% of the 24-hour traffic

Traffic on Pattullo Bridge between 10 a.m. July 25th and 12 noon July 26th -

$$(82.8) (19,068) = 15,780$$

$$(27.7) (19,238) = \underline{5,330}$$

$$21,110$$

Average daily traffic at Pattullo Bridge for June, July, August = 21,549 vehicles  
Average daily traffic at Station #10-13 =

$$\frac{4,503}{21,110} \times 21,549 = 4,600 \text{ units}$$

S E C T I O N I I

PREDICTED FUTURE TRAFFIC

This section contains an estimate of future traffic based on gasoline sales, motor vehicle registration and traffic volumes.

*Eliminate  
This Section.*

FUTURE TRAFFIC VOLUMES

Too much reliability cannot be placed on predicted future traffic volumes because the traffic volume is largely dependent on future economic and international trends. However, it is a logical method and it seems to be the best criterion available, to predict future traffic from the annual increases in volume since the end of World War II.

The only figures available are volumes on certain ferries and the Pattullo Bridge and annual motor vehicle registration and gas sale figures.

Annual amounts for Pattullo Bridge, Motor Vehicle Registration, and Gasoline Sales, excluding aviation and marine sales, have been plotted, in the form of a graph and the graphs extended by following the trends since the end of the war.

Results are shown on the three graphs which follow and summarized in the following table. From the table it is apparent that, taking 1951 traffic volumes as 100% the volumes in 1955, 1960, and 1965 will be approximately 133%, 173% and 213% of the 1951 volume.

Year	Pattullo Bridge Traffic		Gas Sales		Motor Vehicle Registration.		Possible Traffic Volume Increase.
	Millions of Vehicles	%	Millions of Gals.	%	Thousands of Vehicles	%	%
1951	6.2	100	152	100	293	100	100
1955	8.4	135	202	133	387	132	133
1960	10.9	176	260	171	505	172	173
1965	13.4	216	320	210	625	213	213

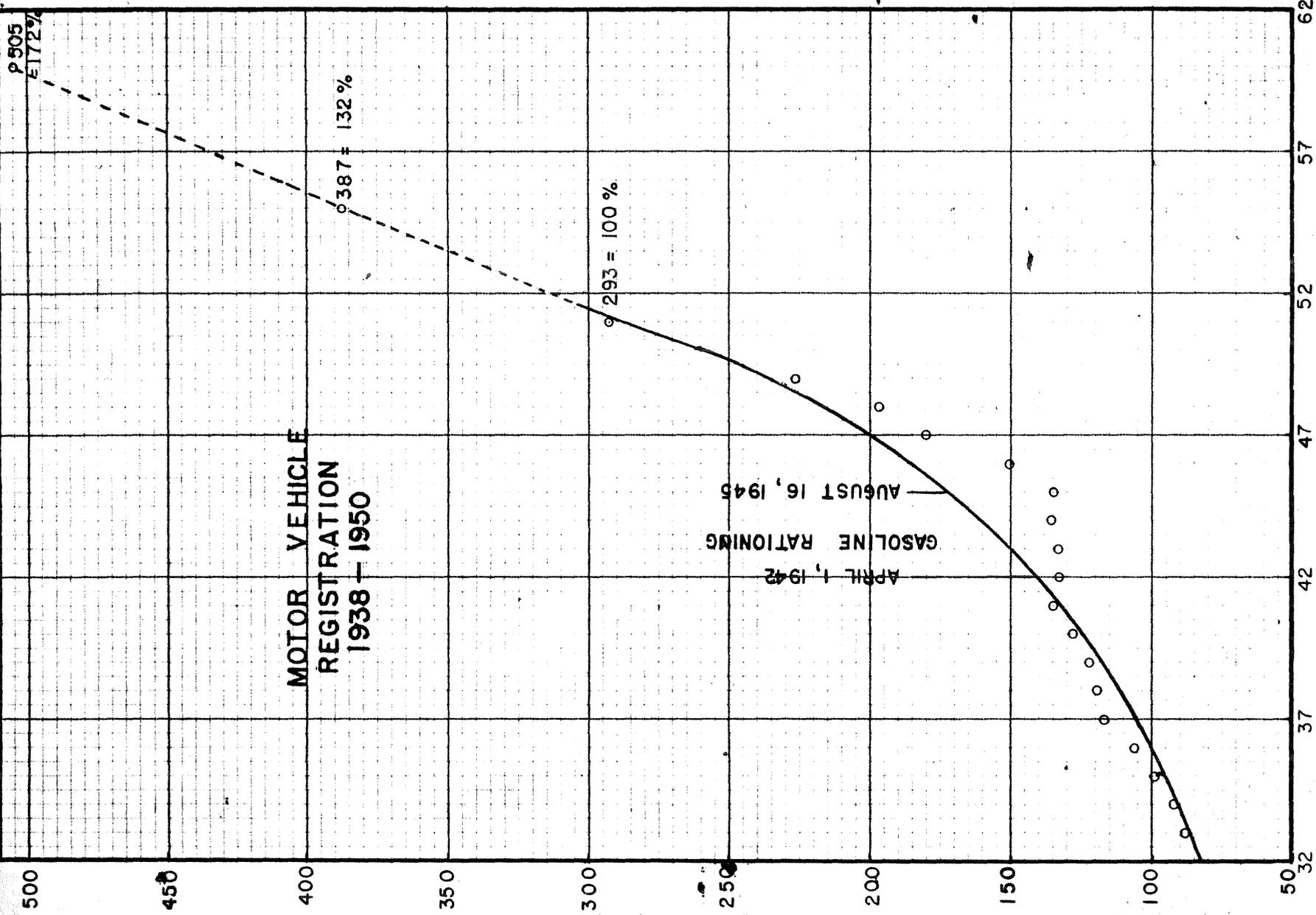
93%

*Clement*

MOTOR VEHICLE REGISTRATION  
IN THOUSANDS OF VEHICLES

MOTOR VEHICLE  
REGISTRATION  
1938 - 1950

APRIL 1, 1942  
GASOLINE RATIONING  
AUGUST 16, 1945



YEAR

*OmT*

AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS.  
Engineering District #1  
Route #1 Trans-Canada Highway

Station No.	Location Description	A.D.T. all Vehicles	Period A.D.T. Applicable.	Adjacent Feeder Roads
12 - 5	$\frac{1}{4}$ mile south of Colwood Corner.	7825	June - July	
12 - 6	$\frac{1}{2}$ mile north of Colwood Corner.	4540	June - July	
12 - 19 (L.C.)	North of Langford.	3225	June - July	
12 - 7	South of Shawnigan Lake Rd. at Sheepshanks Hill.	2394	June - July	
12 - 9		236	June - July	Shawnigan Lake north of Jctn. at Sheepshanks Hill
12 - 8	North of Shawnigan Lake at Sheepshanks Hill.	2020	June - July	
12 - 11	North of Mill Bay turn-off.	1866	June - July	
12 - 12	South of Shawnigan Lake Rd. at Wilkinson Bridge.	2620	June - July	
12 - 14		690	June - July	Shawnigan Lake Rd. at Jctn. at Mill Bay.
12 - 13	North of Shawnigan Lake Rd. Jctn. at Mill Bay.	2332	June - July	
12 - 15	South of alternate Route #1A via Cowichan Bay.	1560	June - July	
12 - 18	North of Jctn. with Route #1A via Cowichan Bay.	2379	June - July	
12 - 17		605	June - July	Alternate Route 1A via Cowichan Bay at Jctn. with Cobble Hill Road.
12 - 16		727	June - July	Cobble Hill Rd. at Jctn. with Route 1 & 1A.
8 - 1	Vicinity of Koksilah Station.	4280	June - July	
8 - 5	S. of S. Jctn. with Route 1A through Chemainus.	2188	June - July	
8 - 6	S. of N. Junction with Route 1A through Chemainus	1975	June - July	
8 - 15		235	June - July	Alternate Route 1A S. of Westholme.
8 - 16		1086	June - July	Alternate Route 1A N. of Saltair.
8 - 7	$\frac{1}{4}$ mile N. of Ladysmith.	3306	June - July	
8 - 8	S. of Rd. to Yellow Pt. and S. of Cassidy.	3105	June - July	

Engineering District No.1  
Route #1 Trans-Canada Highway    con'td.

Station No.	Location	Description	A.D.T. all Vehicles	Period A.D.T. Applicable	Adjacent Feeder Roads
8 - 9	½ mile south of Cassidy Air- (L.C.) port entrance.		2687	June - July	
8 - 10	South of jctn. with road to Cedar 3 miles S. of Nanaimo.		2892	June - July	
8 - 11	North of jctn. with road to Cedar 3 miles S. of Nanaimo.		4550	June - July	
8 - 12	South of Nanaimo City Limits.		5215	June - July	

Engineering District No.1  
Route #4  
Canadian Highway  
Parksville to Port Alberni

7 - 2	West of Jctn. with Island Hwy. at Parksville.		1749	June - July	
7 - 3	East of Cameron Lake.		774	June - July	
1 - 1	East of Alberni City Limits		1324	June - July	
1 - 5	Between Alberni & Port Alberni		4150	June - July	
1 - 2	<i>1.3</i>		700	June - July	Beaver Creek Rd. N. of intersection with River Road.
1 - 3			1642	June - July	River Rd. west of intersection with Beaver Creek Rd.
1 - 4			3545	June - July	Beaver Creek Rd. between Jctn. with Canadian Hwy. and River Road.

Engineering District No.1  
Route #14  
Sooke Highway

12 - 4	West of Colwood Corner		3170	<i>June</i>	
12 - 3	West of Happy Valley Rd.		989		
12 - 2	Vicinity of Sooke River Bridge.		747		

AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS  
Engineering District #1  
Route #17  
East Saanich Road

Station No.	Location	Description	A.D.T. all Vehicles	Period A.D.T. Applicable	Adjacent Feeder Roads
31 - 6 (L.C.)	City side of Royal Oak Junction.		6581	June-July	
31 - 1	Royal Oak Cemetery north of Royal Oak Junction.		3900	June-July	
31 - 2	North of Elk Lake & Marine Drive Junction.		3110	June-July	
31 - 3	North of Bazan Bay Road.		1824	June-July	
31 - 4			382	June-July	West Saanich Rd. north of Bazan Bay Rd. jctn.
31 - 5			1828	June-July	West Saanich Rd. north of Wilkinson Road.

Engineering District #1  
Route #18  
Cowichan Lake Road

8 - 2	On Cowichan Lake Rd. (Old Island Hwy. portion) S. of Sherman Road jctn.		2026	June-July	
8 - 4	<i>Should be</i>		<del>233</del> 810	June-July	Old Island Hwy. just N. of jctn. with Sherman Rd. and Lake Cowichan Road.
8 - 3	On Cowichan Lake Rd. west of jctn. with Old Island Hwy.		1783	June-July	
8 - 17	East of Village of Lake Cowichan.		1398	June-July	
8 - 18		<i>Local Hwy.</i>	1621	June-July	Road to Youbou north of Cowichan Lake Village.
8 - 19	Between Cowichan Lake Village and Mesachie Lake.		1017	June-July	

AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS  
Engineering District #1  
Route #19  
Island Highway  
Nanaimo to Sayward

Station No.	Location	Description	A.D.T. all Vehicles	Period A.D.T. Applicable.	Adjacent Feeder Roads.
8 - 13	North of Nanaimo City Limits.		4220	June-July	
8 - 14	North of Long Lake & Wellington.		2230	June-July	
7 - 1	South of Englishman's River Bridge.		3040	<i>Count</i> June-July	
7 - 5 (L.C)	Between Parksville & Qualicum.		1477	June-July	
7 - 4			514	June-July	Hilliers Road southwest of Qualicum.
7 - 6	North of Qualicum.		1353	June-July	
7 - 7	North of Bowser.		843	June-July	
7 - 8	South of Union Bay.		978	June-July	
7 - 9	North of Union Bay.		1178	June-July	
7 - 10	South of Royston.		1251	June-July	
7 - 11			411	June-July	Cumberland Rd. west of Royston.
7 - 12	North of Royston.		1667	June-July	
7 - 13			1529	June-July	Courtenay-Cumberland Rd. west of Courtenay
7 - 14			2116	June-July	Comox Rd. east of Jctn. with Route #19 at Courtenay.
7 - 15	North of Courtenay.		1529	June-July	
7 - 16	South of Merville.		991	June-July	
7 - 17	South of Oyster River and North of Black Creek.		1111	June-July	
7 - 18	South of Campbell River Village.		1428	June-July	
7 - 19	South of Campbellton & North of Campbell River Village.		4310	June-July	
7 - 20	North of Bridge over Campbell River.		1772	June-July	
7 - 21	North of Duncan Bay.		568	June-July	

CONTROL STATIONS ON TRANS-CANADA  
HIGHWAY  
Engineering District #1

Station	Location	Description	A.D.T.	A.W.D.T.	A.W.T.
12 - 19	North of Langford,	June 11 - July 11.	3225	4572	2758
8 -9	South of Cassidy Airport Entrance,	June 11th - July 11th.	2687	3514	2444

CONTROL STATION ON ISLAND  
HIGHWAY  
Engineering Dist.#1

7 - 5	Between Parksville & Qualicum,	June 11th - July 11th.	1477	1803	1347
7 - 15	North of Courtenay,	June-11th - July 11th	1529	1879	1437

CONTROL STATIONS EAST & WEST SAANICH ROAD  
Engineering Dist. #1

<del>31-6</del> <del>33-6</del>	Victoria City side	Royal Oak Junction	6581	6649	6172
	June 11th - July 11th.				

CONTROL STATIONS SOOKE HIGHWAY  
Eng. Dist. #1

12 - 19	North of Langford on Trans-Canada,	June 11th - July 11th.	3225	4572	2758
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AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS  
Engineering District No. 2  
Route #7 Lougheed Highway  
Vancouver to Agassiz  
and Route #7A

Station No.	Location	Description	A.D.T. all Vehicles	Period A.D.T. Applicable	Adjacent Feeder Roads
3 - 2	W. of Douglas Rd., Burnaby.		9760	July-August	
3 - 3	W. of North Rd. Junction.		5530	July-August	
11 - 21	West of Maillardville.		4168	July-August	
11 - 22		<i>Likely undercount</i>	4690	July-August	S. of Maillardville of Brunette R. Bridge on
11 - 20	East of Maillardville on Pitt River Road.		5783	July-August	
3 - 1			4530	July-August	Hastings-Barnett Rd. Route #7A, West of Sperling Street.
3 - 6			<del>5530</del>	July-August	North Rd. $\frac{1}{4}$ mile N. of Jctn. with Lougheed Highway.
11 - 19			1083	July-August	Hastings-Barnett Rd. Route #7A, west of Clark Road.
11 - 17			1422	July-August	Ioco Rd. north of Overpass over C.P.R.
11 - 16			1583	July-August	Hastings-Barnett Rd. Route #7A east of Port Moody on old alignment.
11 - 15	On Pitt River Rd. just east of Essondale.		4800	July-August	
11 - 13	Just west of new bridge over Coquitlam River.		3400	July-August	
11 - 12			3488	July-August	North approach to Coquitlam Village N. of C.P.R. Rly. Crossing.
11 - 11 (L.C.)	West of Pitt River Bridge.		5179	July-August	
11 - 10	West of Haney.		4690	July-August	
11 - 7	West of Mission.		3340	July-August	
11 - 6 (L.C.)	One mile east of Mission.		2392	July-August	
11 - 5	West of Deroche.		876	July-August	
11 - 4	East of Deroche.		712	July-August	
11 - 3	West of jctn. with Harrison Hotsprings Road.		704	July-August	
11 - 2			1258	July-August	Harrison Hotsprings Rd. N. of Lougheed.

Engineering District No.2  
Route #7 - Lougheed Highway  
Vancouver to Agassiz  
and Route # 7A con'td.

Station No.	Location	Description	A.D.T.all Vehicles	Period A.D.T. Applicable	Adjacent Feeder Roads
11 - 1	West of Agassiz		1022	July-August	

Route #11  
Mission-Huntington Highway

5 - 10	South of Mission Bridge North of Matsqui		3244	July-August	
5 - 9	North of Abbotsford		3600	July-August	
5 - 8	South of junction with Trans-Canada Highway.		1836	July-August	

Route #99  
King George Highway

10-24	North of Blaine Customs		3622	June-July-Aug.	
10-23	South of Johnson Road.		4240	June-July-Aug.	
<del>10-21</del>	South of McLellan Road.		6500	June-July-Aug.	
10-20			704	June-July-Aug.	McLellano Rd. <sup>West</sup> east of King George Hwy.
<del>10-22</del>			816	June-July-Aug.	McLellan Rd. <sup>EAST</sup> west of King George Hwy.
10-19	North of McLellan Rd.		6780	June-July-Aug.	
10-17	North of Newton		8125	June-July-Aug.	
10-10	South of Whitehouse Corner southbound traffic.		<del>8125</del> <sup>7080</sup> ?	June-July-Aug.	
10 - 9	South of Whitehouse Corner northbound traffic.		3890	June-July-Aug.	

Route #99A  
Pacific Highway

10 - 25	North of United States Border.		888	June-July-Aug.	
10 - 26	South of Cloverdale		1385	June-July-Aug	
10 - 5	South of Fry's Corner		2249	June-July-Aug.	

AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS  
Engineering District No. 2

Un-numbered Routes  
Marine Drive - North & West Vancouver

Station No.	Location	Description	A.D.T. all Vehicles	Period A.D.T. Applicable	Adjacent Feeder Roads
24 - 1	South of jctn. to Whytecliff and Horseshoe Bay.		2239	July-August	
24 - 2	East of Caulfield.		2561	July-August	
24 - 3	East of Hollyburn		8220	July-August	
24 - 4	West of Park Royal		12,380	July-August	
24 - 6 (L.C.)	Bridge over Capilano River		16,258	July-August	
24 - 8	East of Lions Gate Bridge		13,620	July-August	
24 - 7			5620	July-August	Capilano Rd. one block North of Marine Drive.
24 - 9	Three blocks east of Capilano Rd.		10,150	July-August	
24 - 11	West of Second Narrows Bridge Junction.		5960	July-August	
24 - 12			2994	July-August	Dollarton Hwy. east of Second Narrows Bridge.
24 - 13			7215	July-August	Second Narrows Bridge traffic.

CONTROL STATIONS ON TRANS-CANADA HIGHWAY  
Engineering District #2

Station No.	Location	Description	A.D.T.	A.W.D.T.	A.W.T.
	Pattullo Bridge,	June, July, August	21,549	26,468	19,232
5 - 12	East of Aldergrove,	June 11th - August 11th.	4574	2909	6192

CONTROL STATIONS ON SOUTHERN  
TRANS-PROVINCIAL HIGHWAY

41 - 1	West of Hope jctn. on Route #1	July August, September	2603	3359	2257
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CONTROL STATIONS ON LOUGHEED  
HIGHWAY  
Engineering District #2

Station No.	Location	Description	A.D.T.	A.W.D.T.	A.W.T.
3-7	Grandview-Douglas Highway one block east of Sperling,	July 11th - August, 11th.	6952	7764	6656
11 - 11	West of Pitt River Bridge,	July 11th - August 11th.	5179	8575	4119
11 - 6	One mile east of Mission,	July 11th - August 11th.	2392	2963	2229

CONTROL STATIONS FOR ROUTES 99 & 99A

Pattullo Bridge, June, July, August	21,549	26,468	19,232
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CONTROL STATIONS MARINE DRIVE  
NORTH & WEST VANCOUVER

24 - 6 Capilano Bridge, July 11th-August 11th.	16,258	16,941	16,042
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CONTROL STATIONS LULU ISLAND AND  
LADNER AREA

Ladner-Woodward's Landing Ferry June, July, August.	1081	1334	983
Pattullo Bridge, June, July, August.	21,549	26,549	19,232

AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS  
Engineering District #3  
Route #1 Trans-Canada Highway

Station No.	Location Description	A.D.T. all Vehicles	Period A.D.T. Applicable	Adjacent Feeder Roads
41 - 1 (L.C.) <i>41-2</i>	West of Hope Junction with Route No. 3	2748	July - August	
41 - 3	North of Jctn. with Southern Trans-Prov. and south of Hope Village near C.N.R. Crossing	2068	July-Aug.-Sept.	
41 - 5	North of Hope	1033	July-Aug.-Sept.	
41 - 6	North of Boston Bar	757	July-Aug.-Sept.	
41 - 7	North of Lytton Jctn. on Lytton By-pass Highway	587	July-Aug.-Sept.	
41 - 8		264	July-Aug.-Sept.	Lillooet Rd. on Bridge over Thompson River
41 - 10		94	July-Aug.-Sept.	Merritt-Spences Bridge Rd. East of Junction
41 - 9	North of Spences Bridge	357	July-Aug.-Sept.	
18 - 2	$\frac{1}{4}$ mile south of Cache Creek	470	September	
18 - 1 (L.C.)		588	September	Cariboo Hwy. north of Cache Creek Jctn.
18 - 3	East of Cache Creek	229	September	
16 - 5	West of Junction with Route #5 at Kamloops	973	September	
<i>16-4</i> 16 - 1	$\frac{1}{4}$ mi. towards Kamloops from jctn. of Route #5 and Route #1 west of Kamloops	1359	September	
16 - 2		1395	September	Route #5 one mi. north of S. Thompson Bridge
16 - 3	$\frac{1}{2}$ mile east of Kamloops	1530	September	
32 - 1 (L.C.)	West of Monte Creek	789	September	
32 - 2	East of Jctn. with Route #6 at Monte Creek	500	September	
32 - 3		607	September	Route #6 south of jctn. at Monte Creek
32 - 4	One mile west of Chase	665	September	
32 - 5	One mile east of Chase	460	September	
32 - 6	$\frac{1}{4}$ mile east of Squilax	346	September	
32 - 7	$\frac{1}{2}$ mile north of Tappen	636	September	
32 - 8	Three miles west of Salmon Arm	2437	September	
32 - 10	Old section of Highway three miles east of Salmon Arm	1467	September	
32 - 11		881	September	Road to Tompkinson's Corner near Salmon Arm
32 - 12	At Sicamous Narrows Bridge	352	September	
32 - 13	One mile east of Sicamous	393	September	

AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS  
Engineering District #3  
Route #1 Trans-Canada Highway cont'd.

Station No.	Location Description	A.D.T.all Vehicles	Period A.D.T. Applicable	Adjacent Feeder Roads
29 - 1	One mile west of Taft	245	September	
29 - 2	One mile west of Revelstoke	603	September	
29 - 3	North of Revelstoke on Big Bend Highway	143	September	
29 - 4		277	September	Road to Arrowhead south of Revelstoke

CONTROL STATIONS ON TRANS-CANADA  
HIGHWAY

Station	Location Description	A.D.T.	A.W.D.T.	A.W.T.
41 - 1	West of Hope Junction, July, Aug., Sept.	2749	3558	2409
18 - 1	North of Cache Creek Junction on Cariboo Highway, September	588	743	511
32 - 1	West of Monte Creek, September	789	1078	684

AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS

Engineering District #4  
Route #3 Southern Trans-Provincial  
Highway

Station No.	Location	Description	A.D.T. all Vehicles	Period A.D.T. Applicable	Adjacent Feeder Roads
41 - 1 (L.C.)			2603	September	Trans-Canada Route #1 1/4 mi. west of Jctn. with Route #3.
41 - 2	East of Jctn. with Trans-Canada Hwy. at Hope		1374	September	
41 - 4	West of Allison Pass		1164	September	
33 - 1	West of Princeton		1359	September	
<del>33-3A</del> 33-4A			791	September	Copper Mtn. Road near Jctn. with Route #3
33 - 4	East of Princeton		1412	September	
33 - 16	One mile west of Keremeos		1362	September	
33 - 5	Half mile east of Keremeos		1145	September	
33 - 6		High?	1228	September	Cawston Rd. 1/4 mile south of Junction with Route #3
33 - 7	West of Kaleden Junction		1542	September	
33 - 9 (L.C.)	South of Kaleden Junction		1198	September	
33 - 12	Just north of Oliver Village Limits		2401	September	
33 - 13	South of Oliver and 4 miles north of north tip of Osoyoos Lake		2169	September	
33 - 14			644	September	South of Osoyoos on Route #97 to Canada- U.S. Border
33 - 15	Half mile east of Osoyoos Bridge		727	September	
15 - 1			364	September	Rock Creek-Kelowna Rd. north of jctn. with Route #3
15 - 2	Three miles east of Rock Creek Village		758	September	
15 - 3 (L.C.)	Six miles east of Midway		468	September	
15 - 4	East of Greenwood		1031	September	
15 - 5	W. of Jctn. with road to Danville Customs		476	September	
15 - 6	East of Danville Junction		900	September	
15 - 7	East of Grand Forks		907	September	
15 - 8	West of jctn with rd. to Laurier		479	September	
15 - 9			336	September	Rd. to Laurier S. of Jctn. with Route #3 at Cascade

AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS

Engineering District #4

Route #97

Okanagan Highway

Station No.	Location	Description	A.D.T.all Vehicles	Period	A.D.T. Applicable	Adjacent Feeder Roads
23 - 2	East of Grindrod		1145	September		
23 - 1			580	September		1/4 mi. west of Tompkinson's Corner on rd. to Salmon Arm
23 - 3 (L.C.)	South of Tompkinson's Corner		967	September		
23 - 6	Three Miles north of Larkin		961	September		
23 - 8			1526	September		Hwy.#6 one mi.east of Vernon on Vernon Lumby section
23 - 9	One mile south of Vernon		1106	September		
23 - 11	South of Oyama		1011	September		
35 - 5	North of Rutland		1597	September		
35 - 4	Between Kelowna and Jctn. with Rutland Road		3644	September		
L.C.	Kelowna Ferry		1158	September		
35 - 3	1/4 Mile north of Westbank		951	September		
35 - 2	One mile north of Peachland		1631	September		
35 - 1	Northern limits of Summerland		1240	September		
33 - 11	North of Penticton by O.K. River Bridge		2192	September		
33 - 10	South of Penticton		2678	September		
33 - 9 (L.C.)	South of Kaleden Junction		1198	September		
	For Kaleden to Osoyoos section see Route #3					
33 - 14	South of Jctn. with Route #3 at Osoyoos		664	September		

CONTROL STATIONS ON SOUTHERN  
FRANS-PROVINCIAL HIGHWAY

Station	Location	Description	A.D.T.	A.W.D.T.	A.W.T.
33 - 9	South of Kaleden Junction,	September	1197	1524	1079
15 - 3	Six miles east of Midway,	September	468	537	442

CONTROL STATIONS ON OKANAGAN HIGHWAY

33 - 9	South of Kaleden Junction,	September	1197	1524	1079
	Kelowna Ferry,	September	1158	1425	1025
23 - 3	South of Tompkinson's Corner,	September	967	1261	841

AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS  
Engineering District No.5

Route #3 Southern Trans-Provincial

Station No.	Location	Description	Highway		Adjacent Feeder Roads
			A.D.T.all Vehicles	Period A.D.T. Applicable	
9 - 1	West of Kingsgate Junction		363	September	
9 - 2			456	September	Hwy. #95 south of Kingsgate Junction
9 - 3	East of Kingsgate Junction		737		
9 - 4 (L.C.)	Eleven miles west of Cranbrook		627	September	
9 - 5	East of Cranbrook and west of Junction with Highway #95		1639	September	
9 - 6	East of Junction with Hwy. #95		1204	September	
9 - 8	East of Junction with road to Fort Steele		381	September	
13 - 1	West of Elko and east of road to Waldo		321	September	
13 - 4	East of Elko		351	September	
13 - 5	East of Fernie and north of Elko River Bridge		538	September	
13 - 6	Five miles west of Natal		368	September	
13 - 7	West of Crows Nest		388	September	

Route #95  
Kootenay - Columbia Highway  
Commencing at Cranbrook

9 - 7	N. of Jctn. with Southern Trans-Provincial at Cranbrook		1304	September	
9 - 9	South of Kimberley		1017	September	
9 - 11	North of Jctn. with road to Fort Steele		275	September	
6 - 1	South of Dutch Creek		363	September	
6 - 2	N. of Jctn. with road to Invermere and S. of Fairmont Hotsprings		346	September	
6 - 3	South of Radium Junction		437	September	
6 - 4			609	September	Vermillion Road east of Radium Junction.

CONTROL STATIONS ON SOUTHERN  
TRANS-PROVINCIAL HIGHWAY

Station	Location	Description	A.D.T.	A.W.D.T.	A.W.T.
9 - 4	Eleven miles west of Cranbrook,	Sept.	627	780	550

KOOTENAY - - COLUMBIA HIGHWAY

9 - 4	Eleven miles west of Cranbrook,	Sept.	627	780	550
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AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS

Engineering District No. 6

Route #3 Southern Trans-Provincial Highway

Station No.	Location	Description	A.D.T. all Vehicles	Period	A.D.T. Applicable	Adjacent Feeder Roads
30 - 1			541	September		Rd. to Paterson S. of Route #3 west of Rossland
30 - 3	East of Junction with road to Paterson		1093	September		
			8469	September		Columbia River Bridge between Trail & East Trail
30 - 6			1690	September		Trail-Salmo Road east of East Trail
30 - 5	Between Tadanac and Birchbank on Trail-Castlegar section		2050	September	Local Traffic	
L.C.	Castlegar Ferry		1370	September		
30 - 7	On Castlegar Ferry side of jctn. with Airport Road (Blueberry Creek Rd.)		1049	September		
21 - 2	West of South Slocan		834	September		
21 - 3	East of South Slocan		1075	September		
21 - 4	One mile west of Nelson		1636	September		
21 - 5			646	September		Nelson-Nelway Rd. south of Nelson
21 - 13			660	September		Nelson-Nelway Rd. north of Salmo
21 - 14			981	September		Trail-Salmo Rd. west of Salmo
21 - 15			1164	September		Nelson-Nelway Rd. south of Salmo
L.C.	Nelson Ferry		1148	September		
21 - 6	One mile east of Nelson Ferry		1290	September		

AUTOMATIC TRAFFIC RECORDER  
VOLUME COUNTS

Engineering District No. 6 cont'd.

Route #3 Southern Trans-Provincial Highway

Station No.	Location	Description	A.D.T. all Vehicles	Period A.D.T. Applicable	Adjacent Feeder Roads
21 - 7	West of Balfour		636	September	
L.C.	Kootenay Lake Ferry		246	September	
21 - 12	One mile west of Creston		924	September	
<del>21 - 9</del> 21 - 10	$\frac{1}{4}$ mile east of Erickson		774	September	
21 - 11	East of Kitchener		351	September	

CONTROL STATIONS ON SOUTHERN  
TRANS-PROVINCIAL HIGHWAY

Station	Location	Description	A.D.T.	A.W.D.T.	A.W.T.
	Castlegar Ferry,	September	1370	1742	1183
	Nelson Ferry,	September	1148	1393	1026