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Published by Authority of the Honourable W. D. Euler, M.P.  
Minister of Trade and Commerce.

STATISTICS STATISTIQUES  
CANADA CANADA

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
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**CAR LOADINGS**

Vol. XVII.

(Second Week Ended January 15, 1940)

No. 2.

The index numbers for weekly car loadings which the Bureau has been publishing since 1931 were adjusted for more or less regular seasonal fluctuations based at first upon the records of 1924 to 1930 inclusive and later upon the records of 1924 to 1934 inclusive.

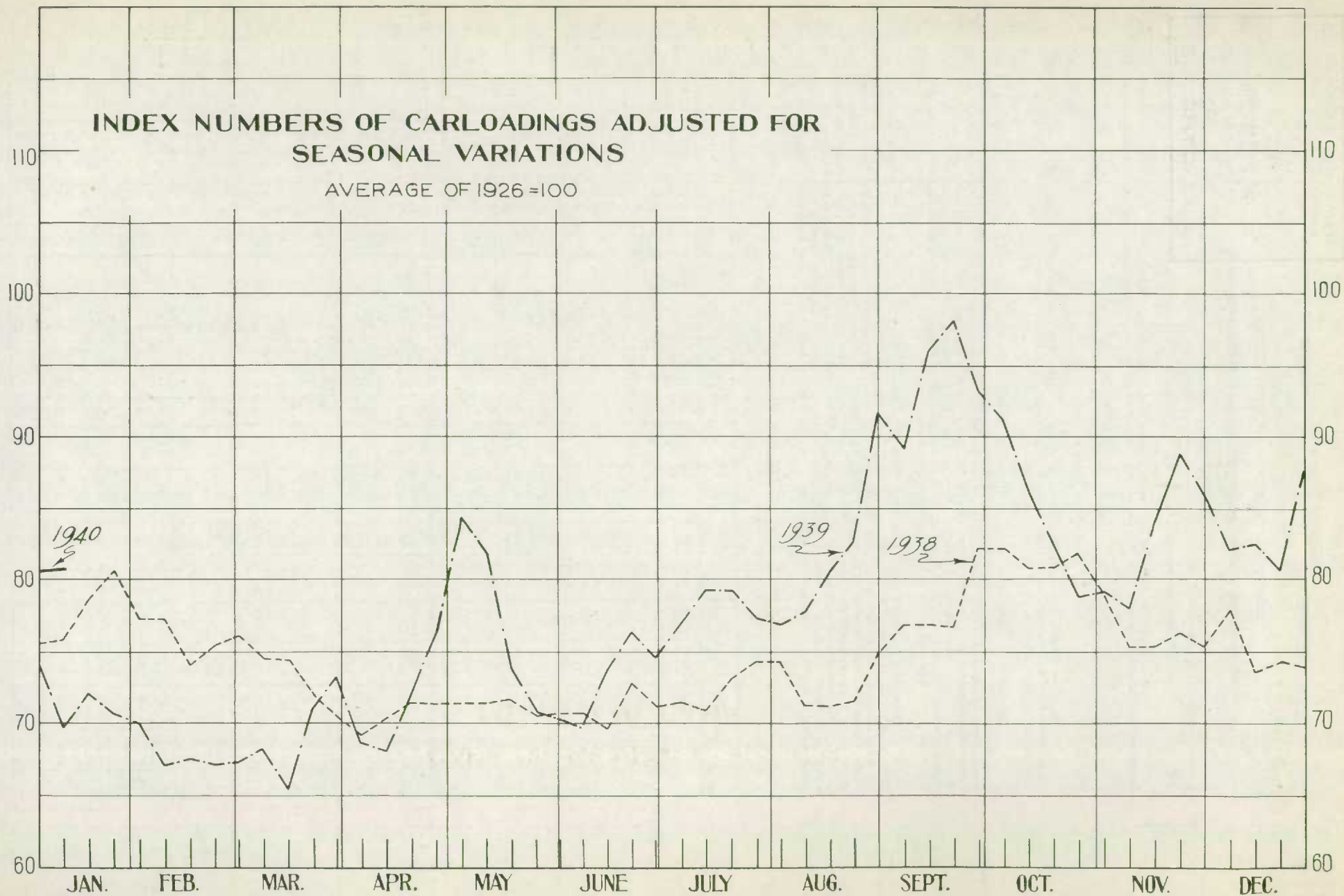
The charts of these index numbers for the past several years have been showing fairly regular rises around the end of August and the first or second weeks of September. This indicates that the adjustments for seasonal variations were faulty possibly because the pattern of loadings had changed. The earlier ripening, harvesting and shipping of western grain was probably the chief factor in this change. The advancement in production of new automobile models and the consequent earlier peak movement of motor vehicles and of the numerous commodities entering into their manufacture and other such changes in the seasonal movement of freight indicated that a new adjustment for car loadings was necessary.

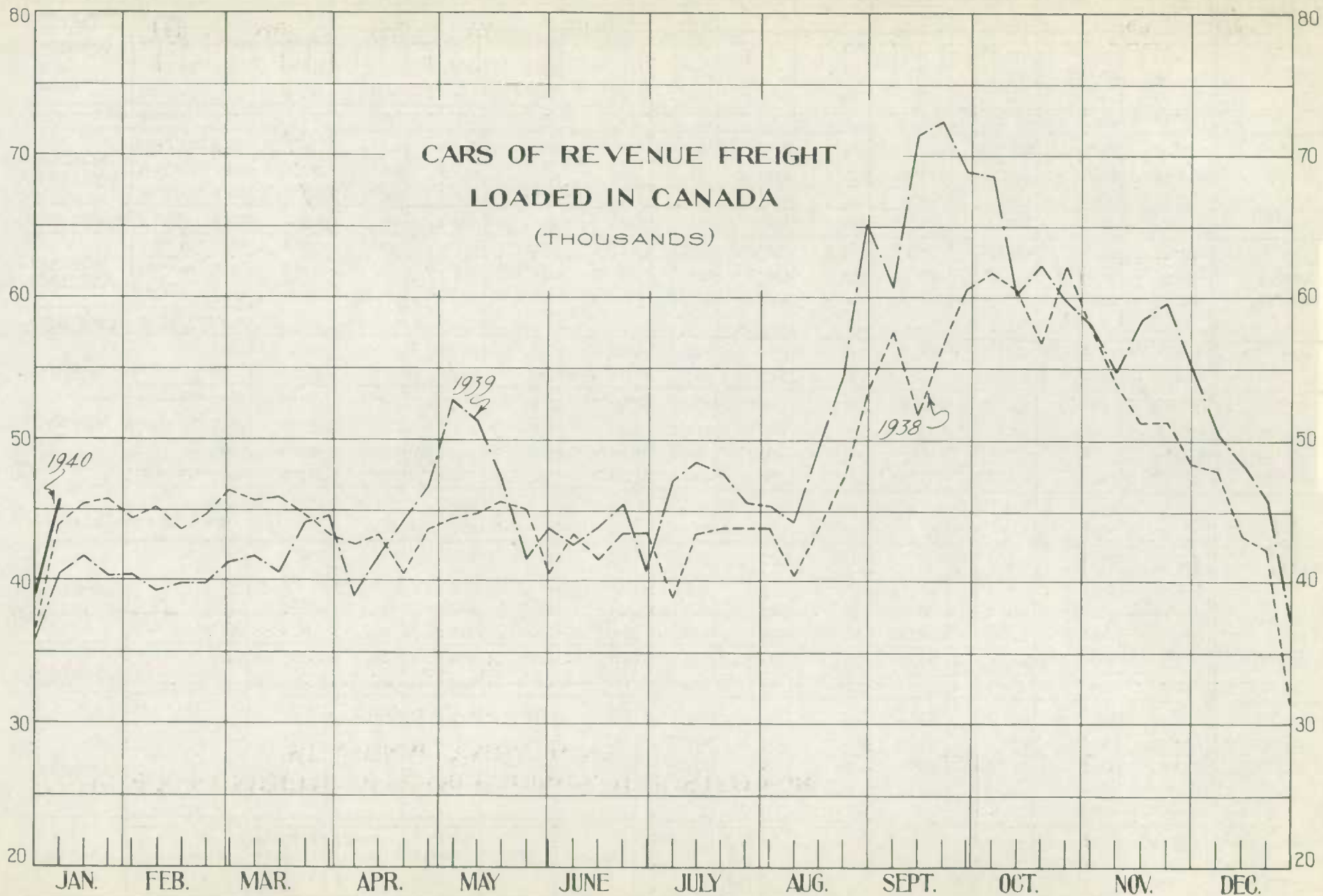
The Bureau has consequently recomputed these index numbers using the loadings for five years 1934 to 1938 inclusive as the basis for the seasonal adjustments but still using the average of 1926 as 100 and stating the index numbers as a percentage of that average. The revised index numbers for 1937, 1938 and 1939 are shown below. The weeks ended January 2, 1, and 7 of 1937, 1938 and 1939 respectively were taken as the first weeks of the year, the week ended December 24, 1938 was omitted and the week ended December 31 taken as the 52nd week of 1938. This arrangement required less adjustments for weeks containing holidays. The new adjustments removed the peaks around the 35th week of each of these years and raised the index numbers in October, November, and December. These adjustments will be used until the records indicate that another change is required.

**INDEX NUMBERS**  
(Adjusted for Seasonal Variations on 1934 - 1938 Records)  
Average 1926 = 100.

Week	T O T A L				EASTERN DIVISION				WESTERN DIVISION				MERCHANDISE			
	1937	1938	1939	1940	1937	1938	1939	1940	1937	1938	1939	1940	1937	1938	1939	1940
1	77.4	75.5	74.0	80.7	83.0	78.4	74.5	83.3	66.2	68.7	71.1	74.7	74.9	76.4	76.7	76.3
2	77.7	75.8	69.7	80.4	83.1	77.8	71.4	86.1	69.8	73.3	67.8	72.0	76.7	74.2	74.8	76.1
3	81.7	78.6	72.0		86.6	79.1	73.7		70.4	74.7	66.4		76.5	75.9	73.5	
4	80.1	80.6	70.6		84.2	81.8	70.6		69.2	74.6	67.0		76.7	78.0	74.8	
5	81.6	77.1	70.0		84.4	76.7	70.4		70.4	72.0	64.1		77.6	78.0	75.5	
6	79.4	77.1	67.0		81.8	76.8	65.3		69.0	71.8	64.8		76.6	76.8	74.1	
7	78.6	74.0	67.6		81.9	73.7	67.4		68.0	70.2	64.3		76.6	76.3	72.8	
8	78.6	75.4	67.1		82.9	75.9	66.5		66.0	70.1	64.5		76.7	75.8	72.9	
9	76.3	76.0	67.3		81.0	76.1	68.4		66.0	74.0	65.9		76.4	74.7	74.2	
10	77.3	74.6	68.2		82.3	74.4	67.4		67.0	73.9	68.8		76.5	74.0	71.7	
11	76.8	74.4	65.3		81.5	75.5	65.0		67.0	71.2	65.0		77.4	74.1	72.8	
12	78.6	71.9	71.0		81.6	74.6	69.7		75.5	69.4	75.4		76.5	74.1	72.2	
13	80.7	70.5	73.1		85.6	74.8	73.1		74.7	65.8	76.6		76.1	74.0	74.8	
14	81.5	69.1	68.6		86.5	74.9	72.2		79.2	64.4	67.2		77.7	74.0	71.5	
15	83.4	70.2	68.0		89.6	73.0	70.0		74.7	70.9	69.9		81.2	73.9	71.6	
16	76.4	71.4	71.9		81.4	73.2	74.0		73.2	73.2	74.0		77.2	73.7	72.7	
17	77.0	71.3	76.4		81.6	74.7	79.1		77.4	73.2	80.7		77.2	74.7	74.5	
18	79.2	71.3	84.5		83.6	70.1	83.0		78.0	81.5	96.9		77.7	73.2	75.0	
19	81.4	71.3	81.8		86.7	72.8	77.9		77.7	75.4	98.8		76.8	73.8	73.4	
20	73.5	71.7	73.8		79.6	71.7	70.4		66.9	78.8	89.2		71.8	73.3	71.1	
21	78.7	70.3	70.9		83.2	72.1	70.9		74.9	73.3	77.2		77.8	71.9	71.1	
22	77.2	70.8	70.4		82.6	72.5	72.2		71.5	72.9	72.2		77.9	72.7	72.6	
23	79.1	70.8	69.7		84.3	72.5	69.2		73.7	75.0	76.7		77.9	73.7	71.8	
24	80.6	69.7	73.8		79.7	66.7	67.4		75.1	71.0	85.1		79.3	72.5	72.5	
25	82.5	72.8	76.3		82.6	68.4	69.3		74.6	78.1	88.1		78.1	74.5	73.5	
26	80.9	71.1	74.6		81.0	67.3	69.1		74.9	75.4	83.8		78.4	73.9	74.0	
27	85.0	71.4	77.0		84.7	66.9	72.7		77.6	75.0	81.4		82.9	72.7	76.3	
28	84.9	70.9	79.3		84.2	67.7	71.3		78.1	71.0	89.6		78.9	76.8	74.0	
29	82.9	73.0	79.3		82.4	68.0	72.1		77.8	78.6	89.5		78.5	73.6	75.8	
30	83.9	74.2	77.2		82.8	68.3	69.9		77.9	80.7	86.4		77.5	74.3	74.0	
31	84.2	74.2	76.8		82.8	68.7	71.4		79.6	80.5	85.0		77.8	74.7	76.0	
32	84.3	71.2	77.8		84.2	68.4	73.1		75.7	73.9	79.7		79.0	74.6	75.3	
33	83.3	71.1	80.4		84.0	67.7	73.2		76.1	73.5	90.0		78.7	75.2	76.0	
34	83.1	71.6	82.6		86.0	67.8	72.6		76.7	77.5	99.2		79.6	74.9	75.1	
35	80.5	75.0	81.8		85.7	67.5	73.8		76.1	87.5	121.1		77.6	74.3	77.4	
36	81.8	76.9	89.1		83.2	67.5	75.6		76.6	89.9	104.7		80.9	76.9	77.0	
37	81.4	76.9	96.0		84.5	68.9	83.0		74.2	85.7	113.4		80.9	75.6	80.9	
38	83.5	76.8	98.0		84.2	71.0	85.6		81.6	84.7	115.3		81.5	77.3	81.9	
39	86.0	82.1	93.2		89.6	70.7	85.0		80.8	98.8	105.4		80.5	77.3	82.4	
40	82.8	82.1	91.1		85.1	73.2	85.6		80.7	97.0	100.8		81.9	77.3	82.6	
41	81.7	80.8	86.1		82.1	73.2	80.7		80.5	91.8	90.7		81.1	78.0	83.2	
42	80.9	80.0	82.5		81.1	73.8	82.6		80.5	91.4	85.2		81.1	77.9	80.3	
43	80.8	81.8	78.9		84.0	73.9	85.0		82.1	95.7	75.9		81.1	78.7	81.3	
44	81.4	79.0	79.2		83.1	74.0	84.7		84.2	91.8	76.1		81.2	78.7	81.6	
45	79.3	75.2	77.9		80.3	75.1	81.1		83.6	80.8	77.9		81.3	78.5	80.3	
46	80.3	75.3	84.0		81.6	75.6	89.2		83.3	79.7	81.3		80.9	80.0	82.8	
47	80.4	76.3	88.9		81.8	74.8	90.3		83.2	83.5	92.3		80.9	79.1	80.7	
48	82.1	75.3	86.0		84.0	72.2	92.7		82.5	83.5	78.0		82.8	79.2	81.8	
49	82.3	77.9	82.0		82.4	74.0	84.8		80.0	82.8	75.0		82.9	79.5	80.2	
50	80.2	73.6	82.5		79.1	71.2	85.4		80.7	76.7	75.5		80.6	78.7	81.4	
51	83.7	74.3	80.7		85.8	72.4	81.8		81.8	76.2	77.1		82.7	77.9	76.3	
52	93.3	73.9	87.6		95.4	75.9	96.5		86.4	67.9	69.7		87.5	74.9	77.6	

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Division	Week ended	Grain & Grain Products	Live Stock	Coal	Coke	Lumber	Pulp- wood	Pulp and Paper	Other Forest Products	Ore	Merchand- ise, L.C.L.	Miscell- aneous	Total Cars Loaded	Total Cars Rec'd from Connections
EASTERN DIVISION	Jan. 13, 1940	2,349	566	4,016	624	716	1,704	2,154	614	1,610	8,894	7,386	30,633	23,364
	Jan. 6, 1940	1,713	519	3,017	577	530	1,278	1,913	447	1,383	7,218	6,473	25,068	20,383
	Dec. 30, 1939	2,322	387	2,833	535	595	1,028	2,148	345	1,650	7,123	6,623	25,589	21,723
	Jan. 14, 1939	2,040	593	2,198	467	578	1,262	1,730	533	1,162	8,578	6,357	25,498	20,759
Compared with prev. week		+ 636	+ 47	+ 999	+ 47	+ 186	+ 426	+ 241	+ 167	+ 227	+ 1,676	+ 913	+ 5,565	+ 2,981
1939		+ 309	- 27	+ 1,818	+ 157	+ 138	+ 442	+ 424	+ 81	+ 448	+ 316	+ 1,029	+ 5,135	+ 2,605
WESTERN DIVISION	Jan. 13, 1940	2,916	791	2,716	81	692	184	261	1,433	1,502	2,957	2,409	15,942	1,061
	Jan. 6, 1940	2,517	708	2,563	84	557	162	241	840	1,517	2,514	2,087	13,790	917
	Dec. 30, 1939	2,553	527	2,005	55	322	118	194	668	876	2,251	1,728	11,277	834
	Jan. 14, 1939	3,253	984	1,952	88	502	243	233	874	1,559	3,084	2,240	15,012	816
Compared with prev. week		+ 399	+ 83	+ 153	- 3	+ 135	+ 22	+ 20	+ 593	- 15	+ 443	+ 322	+ 2,152	+ 144
1939		- 337	- 193	+ 764	- 7	+ 190	- 59	+ 28	+ 559	- 57	- 127	+ 169	+ 930	+ 245
TOTAL FOR CANADA	Jan. 13, 1940	5,265	1,357	6,732	705	1,408	1,888	2,415	2,047	3,112	11,851	9,795	46,575	24,425
	Jan. 6, 1940	4,230	1,227	5,580	661	1,087	1,440	2,154	1,287	2,900	9,732	8,560	38,858	21,300
	Dec. 30, 1939	4,855	914	4,838	590	917	1,146	2,342	1,013	2,526	9,374	8,351	36,866	22,557
	Jan. 14, 1939	5,293	1,577	4,150	555	1,080	1,505	1,963	1,407	2,721	11,662	8,597	40,510	21,575
Compared with prev. week		+ 1,035	+ 130	+ 1,152	+ 44	+ 321	+ 448	+ 261	+ 760	+ 212	+ 2,119	+ 1,235	+ 7,717	+ 3,125
1939		- 28	- 220	+ 2,582	+ 150	+ 328	+ 383	+ 452	+ 640	+ 391	+ 189	+ 1,198	+ 6,065	+ 2,850
CUMULATIVE TOTALS														
EASTERN DIVISION	Jan. 13, 1940	4,062	1,085	7,033	1,201	1,246	2,982	4,067	1,061	2,993	16,112	13,859	55,701	43,747
	Jan. 14, 1939	3,493	1,126	4,350	1,248	1,069	2,270	3,277	893	2,380	15,876	12,005	47,987	39,497
	Jan. 15, 1938	3,128	1,233	6,389	1,167	1,148	4,069	3,387	1,018	2,800	17,958	14,275	56,572	40,212
1940 Compared with 1939		+ 569	- 41	+ 2,683	- 47	+ 177	+ 712	+ 790	+ 168	+ 613	+ 236	+ 1,854	+ 7,714	+ 4,250
WESTERN DIVISION	Jan. 13, 1940	5,433	1,499	5,279	165	1,249	346	502	2,273	3,019	5,471	4,496	29,732	1,978
	Jan. 14, 1939	5,148	1,864	4,764	207	908	418	433	1,768	3,120	5,570	4,052	28,252	1,626
	Jan. 15, 1938	3,911	1,875	5,950	220	987	2,057	432	1,978	2,878	5,808	6,747	32,843	2,441
1940 Compared with 1939		+ 285	- 365	+ 515	- 42	+ 341	- 72	+ 69	+ 505	- 101	- 99	+ 444	+ 1,480	+ 352
TOTAL FOR CANADA	Jan. 13, 1940	9,495	2,584	12,312	1,366	2,495	3,328	4,569	3,334	6,012	21,583	18,355	85,433	45,725
	Jan. 14, 1939	8,641	2,990	9,114	1,455	1,977	2,688	3,710	2,661	5,500	21,446	16,057	76,239	41,123
	Jan. 15, 1938	7,039	3,108	12,339	1,387	2,135	6,126	3,819	2,996	5,678	23,766	21,022	89,415	42,653
1940 Compared with 1939		+ 854	- 406	+ 3,198	- 89	+ 518	+ 640	+ 859	+ 673	+ 512	+ 137	+ 2,298	+ 9,194	+ 4,602

NOTE: 1939 Figures Contain Revisions.

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