

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADADominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
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MONTHLY REPORT

PETROLEUM and NATURAL GAS PRODUCTION and GASOLINE SALES IN CANADA - MARCH, 1938.

CRUDE PETROLEUM - Crude petroleum and natural gasoline production in Canada during March set up a new high monthly record, according to a report just issued by the Dominion Bureau of Statistics at Ottawa. The March output totalled 480,803 barrels compared with 413,158 barrels in the preceding month and 176,657 barrels in March, 1937. Production during the first quarter of 1938 aggregated 1,351,369 barrels; a year ago, 471,641 barrels were produced.

Alberta operators produced 467,732 barrels in March of which 464,066 barrels came from the Turner Valley field, 1,405 barrels from the Red Coulee field, 1,341 barrels from the Wainwright-Ribstone field, and 920 barrels from the Taber field.

The following wells in the Turner Valley field, Alberta, were completed during the month: -

Royalite #29 on March 17th.
Davies #1 on March 19th.
Sunburst #1 on March 24th.
Richland #2 about March 26th.

Exports of petroleum and its products from Canada in March were valued at \$109,839; in February the value of exports was recorded at \$26,431.

Petroleum, asphalt and their products imported into Canada in March were appraised at \$2,832,783 compared with \$2,085,672 in the preceding month. Importations of crude petroleum in March totalled 61,101,839 imperial gallons made up of 49,263,747 imperial gallons from the United States, 7,447,020 imperial gallons from Venezuela, and 4,391,072 gallons from Peru.

Table 1 - PRODUCTION OF PETROLEUM IN CANADA, BY MONTHS, 1936 - 1938.

Month	1938(a)	1937(a)	1936
	Barrels	Barrels	Barrels
January	457,408	141,078	120,261
February	413,158	153,906	106,973
March	480,803	176,657	116,611
April		188,014	109,104
May		192,845	114,297
June		209,181	114,141
July		241,737	142,404
August		288,934	142,572
September		298,753	135,684
October		342,452	137,004
November		341,517	129,152
December		408,580	139,728
TOTAL - CALENDAR YEAR		(b) 2,995,025	1,507,931
TOTAL - THREE MONTHS ending MARCH	1,351,369	471,641	343,845

(a) Subject to revision.

(b) Includes output from Northwest Territories.

1700
1701
1702

1703
1704
1705

1706
1707

1708
1709

1710
1711

TABLE

TABLE OF THE INCREASE OF THE POPULATION OF THE CITY OF NEW YORK, FROM 1700 TO 1790

The following table shows the increase of the population of the city of New York, from 1700 to 1790. The population in 1700 was 1,000, and in 1790 it was 17,000. The increase was 16,000, or 16 times the original number.

The population of the city of New York, in 1700, was 1,000. In 1710 it was 1,500. In 1720 it was 2,000. In 1730 it was 2,500. In 1740 it was 3,000. In 1750 it was 3,500. In 1760 it was 4,000. In 1770 it was 4,500. In 1780 it was 5,000. In 1790 it was 17,000.

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Year	Population	Increase
1700	1,000	
1710	1,500	500
1720	2,000	500
1730	2,500	500
1740	3,000	500
1750	3,500	500
1760	4,000	500
1770	4,500	500
1780	5,000	500
1790	17,000	12,000
Total	17,000	16,000

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Table 2 - PRODUCTION OF PETROLEUM IN CANADA

	FEBRUARY 1938 Barrels	MARCH 1938 Barrels	MARCH 1937 Barrels	THREE MONTHS ENDING MARCH	
				1938(a)	1937(a)
				Barrels	Barrels
NEW BRUNSWICK	7	25	42	88	112
ONTARIO	11,564	13,046	14,783	37,766	41,205
ALBERTA -					
Turner Valley - production from limestone	397,163	463,258	158,407	1,300,526	421,148
Turner Valley - shallow crude	652	808	809	2,329	2,586
Red Coulee-Border-Keho - light crude ...	892	1,405	1,341	3,511	3,200
Wainwright-Ribstone - heavy crude	1,452	1,341	675	4,801	2,790
Taber - heavy crude	(c) 1,428	920	600	2,348	600
TOTAL ALBERTA (b)	401,587	467,732	161,832	1,313,515	430,324
CANADA	415,158	480,803	176,657	1,351,369	471,641

(a) Compiled from monthly reports.

(b) Total well output.

(c) Including previous production.

NATURAL GAS - The Canadian production of natural gas in March amounted to 3,175,266 thousand cubic feet; in February, 4,010,772 thousand cubic feet were produced while in March, 1937, the output was 2,839,000 thousand cubic feet. Output during the first quarter of 1938 aggregated 11,211,974 thousand cubic feet or 8.1 per cent above the total for the corresponding period of 1937.

Mixed gas (natural and artificial) imported into Canada in March amounted to 11,968 thousand cubic feet worth \$10,011; in February, 14,716 thousand cubic feet valued at \$9,278 were imported.

Table 3 - PRODUCTION OF NATURAL GAS IN CANADA(b), BY MONTHS, 1936 - 1938.

Month	1938(a)	1937(a)	1936
	M cu.ft.	M cu.ft.	M cu.ft.
January	4,025,936	4,052,000	3,494,610
February	4,010,772	3,479,000	4,158,389
March	3,175,266	2,839,000	2,943,083
April		2,390,000	2,500,059
May		1,866,000	1,822,614
June		1,421,000	1,332,595
July		1,297,000	1,216,095
August		1,310,000	1,184,327
September		1,675,000	1,520,748
October		2,361,000	2,035,414
November		3,056,000	2,613,760
December		3,853,000	3,291,649
TOTAL - CALENDAR YEAR		29,599,000	28,113,348
TOTAL - THREE MONTHS ending MARCH	11,211,974	10,370,000	10,596,087

(a) Subject to revision.

(b) Does not include Turner Valley gas used for repressuring or waste gas burned in the field.

NAME	RESIDENCE	DATE	AMOUNT
JOHN A. SMITH	HOUSTON, TEXAS	1901	100.00
JAMES B. JONES	HOUSTON, TEXAS	1902	200.00
WILLIAM C. BROWN	HOUSTON, TEXAS	1903	300.00
EDWARD D. WHITE	HOUSTON, TEXAS	1904	400.00
FRANK E. GREEN	HOUSTON, TEXAS	1905	500.00
CHARLES F. BLACK	HOUSTON, TEXAS	1906	600.00
HENRY G. GRAY	HOUSTON, TEXAS	1907	700.00
ROBERT H. KING	HOUSTON, TEXAS	1908	800.00
THOMAS I. LEE	HOUSTON, TEXAS	1909	900.00
JOHN J. HARRIS	HOUSTON, TEXAS	1910	1000.00

NAME	RESIDENCE	DATE	AMOUNT
JOHN A. SMITH	HOUSTON, TEXAS	1911	1100.00
JAMES B. JONES	HOUSTON, TEXAS	1912	1200.00
WILLIAM C. BROWN	HOUSTON, TEXAS	1913	1300.00
EDWARD D. WHITE	HOUSTON, TEXAS	1914	1400.00
FRANK E. GREEN	HOUSTON, TEXAS	1915	1500.00
CHARLES F. BLACK	HOUSTON, TEXAS	1916	1600.00
HENRY G. GRAY	HOUSTON, TEXAS	1917	1700.00
ROBERT H. KING	HOUSTON, TEXAS	1918	1800.00
THOMAS I. LEE	HOUSTON, TEXAS	1919	1900.00
JOHN J. HARRIS	HOUSTON, TEXAS	1920	2000.00

NAME	RESIDENCE	DATE	AMOUNT
JOHN A. SMITH	HOUSTON, TEXAS	1921	2100.00
JAMES B. JONES	HOUSTON, TEXAS	1922	2200.00
WILLIAM C. BROWN	HOUSTON, TEXAS	1923	2300.00
EDWARD D. WHITE	HOUSTON, TEXAS	1924	2400.00
FRANK E. GREEN	HOUSTON, TEXAS	1925	2500.00
CHARLES F. BLACK	HOUSTON, TEXAS	1926	2600.00
HENRY G. GRAY	HOUSTON, TEXAS	1927	2700.00
ROBERT H. KING	HOUSTON, TEXAS	1928	2800.00
THOMAS I. LEE	HOUSTON, TEXAS	1929	2900.00
JOHN J. HARRIS	HOUSTON, TEXAS	1930	3000.00

NAME	RESIDENCE	DATE	AMOUNT
JOHN A. SMITH	HOUSTON, TEXAS	1931	3100.00
JAMES B. JONES	HOUSTON, TEXAS	1932	3200.00
WILLIAM C. BROWN	HOUSTON, TEXAS	1933	3300.00
EDWARD D. WHITE	HOUSTON, TEXAS	1934	3400.00
FRANK E. GREEN	HOUSTON, TEXAS	1935	3500.00
CHARLES F. BLACK	HOUSTON, TEXAS	1936	3600.00
HENRY G. GRAY	HOUSTON, TEXAS	1937	3700.00
ROBERT H. KING	HOUSTON, TEXAS	1938	3800.00
THOMAS I. LEE	HOUSTON, TEXAS	1939	3900.00
JOHN J. HARRIS	HOUSTON, TEXAS	1940	4000.00

NAME	RESIDENCE	DATE	AMOUNT
JOHN A. SMITH	HOUSTON, TEXAS	1941	4100.00
JAMES B. JONES	HOUSTON, TEXAS	1942	4200.00
WILLIAM C. BROWN	HOUSTON, TEXAS	1943	4300.00
EDWARD D. WHITE	HOUSTON, TEXAS	1944	4400.00
FRANK E. GREEN	HOUSTON, TEXAS	1945	4500.00
CHARLES F. BLACK	HOUSTON, TEXAS	1946	4600.00
HENRY G. GRAY	HOUSTON, TEXAS	1947	4700.00
ROBERT H. KING	HOUSTON, TEXAS	1948	4800.00
THOMAS I. LEE	HOUSTON, TEXAS	1949	4900.00
JOHN J. HARRIS	HOUSTON, TEXAS	1950	5000.00

NAME	RESIDENCE	DATE	AMOUNT
JOHN A. SMITH	HOUSTON, TEXAS	1951	5100.00
JAMES B. JONES	HOUSTON, TEXAS	1952	5200.00
WILLIAM C. BROWN	HOUSTON, TEXAS	1953	5300.00
EDWARD D. WHITE	HOUSTON, TEXAS	1954	5400.00
FRANK E. GREEN	HOUSTON, TEXAS	1955	5500.00
CHARLES F. BLACK	HOUSTON, TEXAS	1956	5600.00
HENRY G. GRAY	HOUSTON, TEXAS	1957	5700.00
ROBERT H. KING	HOUSTON, TEXAS	1958	5800.00
THOMAS I. LEE	HOUSTON, TEXAS	1959	5900.00
JOHN J. HARRIS	HOUSTON, TEXAS	1960	6000.00

GASOLINE - Table 4 records the monthly sales of gasoline in Canada during 1937 and 1938. In Table 5 the imports into Canada and exports of gasoline during February and March, 1938, are shown.

Table 4 - MONTHLY RETAIL SALES OF GASOLINE IN CANADA, 1937 and 1938. (a)
(in thousands of gallons)

Month	P. E. Island		Nova Scotia		New Brunswick		Quebec		Ontario	
	1938	1937	1938	1937	1938	1937	1938	1937	1938	1937
January .	55	128	(c)	1,330	856	811	5,650	5,795	17,507	17,786
February.	49	72	(c)	1,182	794	711	5,462	5,306	17,451	16,357
Sub-total	104	200	(c)	2,512	1,650	1,522	11,112	11,101	34,958	34,143
March ...		88		1,387		835		5,921		20,381
April ...		195		1,787		965		7,693		22,383
May		332		2,812		1,844		11,366		29,288
June		399		3,030		2,494		13,901		31,698
July		447		3,501		2,901		15,173		35,717
August ..		471		3,660		3,075		15,867		33,729
September		414		3,171		2,727		14,747		33,898
October .		568		2,749		2,393		13,121		30,539
November.		322		2,505		1,873		11,136		27,249
December.		184		2,030		1,268		8,369		22,334
TOTAL ..		3,420		29,144		21,947		123,395		324,859
	Manitoba		Saskatchewan		Alberta(b)		British Columbia		T O T A L	
January .	1,542	1,341	1,022	906	3,926	2,828	3,481	2,864	(c)	33,789
February.	1,287	1,149	669	698	2,917	2,743	3,313	2,770	(c)	30,988
Sub-total	2,829	2,490	1,691	1,604	6,843	5,571	6,794	5,634	(c)	64,777
March ...		1,323		1,198		4,054		3,634		38,871
April ...		1,876		4,442		7,093		4,043		50,977
May		2,916		6,182		8,778		4,902		68,420
June		3,523		5,716		7,648		5,301		73,710
July		3,921		5,294		7,072		5,997		80,023
August ..		4,282		6,039		7,742		6,157		84,022
September		4,876		5,532		8,101		5,619		79,135
October .		3,952		4,581		8,461		5,008		71,172
November.		3,264		3,712		6,639		4,484		61,184
December.		2,213		1,928		4,007		3,996		46,329
TOTAL ..		34,636		46,278		(d) 75,166		54,775		718,620

(a) Compiled in the Transportation Branch of the Dominion Bureau of Statistics from returns received from the gasoline tax departments of the Provincial Governments.

(b) Includes diesel oil.

(c) Information not available.

(d) Includes 9,430,126 gallons consisting largely of heavy oil and kerosene.

Table 5 - IMPORTS INTO CANADA and EXPORTS OF GASOLINE, FEBRUARY and MARCH, 1938.

	FEBRUARY		MARCH	
	Gallons	\$	Gallons	\$
<u>IMPORTS -</u>				
Natural casinghead, compression or absorption gasoline, lighter than .6690 specific gravity at 60° temperature -				
From - United States	2,729,848	192,617	439,350	21,077
Peru	2,485,304	114,162
TOTAL	5,215,152	306,779	439,350	21,077
Gasoline, lighter than .8236 specific gravity at 60° temperature -				
From - United States	1,176,514	99,083	1,776,389	152,555
Alaska	7,035	1,415	10,086	1,648
TOTAL	1,183,549	100,498	1,786,475	154,203
<u>EXPORTS -</u>				
Gasoline and naphtha	8,832	2,167	541,947	42,490

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