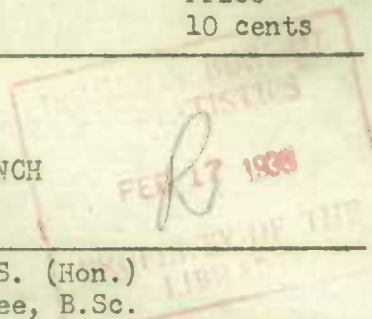


26-009

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA



Dominion Statistician: R. W. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
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MONTHLY REPORT

FELDSPAR and SALT PRODUCTION IN CANADA - DECEMBER, 1937.

FELDSPAR - The Canadian production of feldspar in December amounted to 1,983 tons compared with 1,464 tons in November and 1,311 tons in December, 1936, according to a statement just issued by the Dominion Bureau of Statistics at Ottawa. During the calendar year 1937 the output totalled 20,705 tons; a year ago, 17,846 tons were produced.

Imports of ground feldspar were recorded at 137 tons worth \$2,032 in December as against 143 tons at \$2,186 in the preceding month. In 1937 Canada imported 1,356 tons of ground feldspar appraised at \$22,937. Crude feldspar receipts in December amounted to 115 tons at \$646 and the total imports for the year were 439 tons at \$2,197.

PRODUCTION OF FELDSPAR IN CANADA

Months	1937(a)	1936	1935
	Tons	Tons	Tons
January	1,177	783	819
February	1,533	319	635
March	2,061	767	873
April	1,048	721	552
May	1,224	1,074	1,136
June	1,801	2,242	1,907
July	2,458	2,499	2,660
August	2,088	1,669	1,923
September	2,216	2,403	1,169
October	1,647	1,962	1,701
November	1,464	1,591	3,165
December	1,983	1,311	1,202
TOTAL - CALENDAR YEAR	20,705	17,846	17,742

(a) Subject to revision.

SALT - Commercial salt shipments by Canadian producers amounted to 13,697 tons in December; in the preceding month, 32,520 tons were shipped while in December, a year ago, 14,213 tons were shipped. During the calendar year 1937 shipments totalled 256,170 tons or 13.6 per cent above the total for the preceding year.

Exports of salt from Canada declined to 716 tons from the November total of 1,014 tons. Exports during the twelve months ending December aggregated 7,329 tons compared with 5,549 tons in 1936.

Imports of salt into Canada in December were recorded at 6,943 tons worth \$28,193 and for the calendar year 1937 at 116,459 tons with a valuation of \$466,190. The December importations included 4,067 tons of salt for sea or gulf fisheries, 2,422 tons of salt in bulk, n.o.p., and 454 tons of other salt in bags, barrels, and other coverings. The United States accounted for 44.4 per cent of the December receipts, the British West Indies, 31.3 per cent, Spain, 19.5 per cent, and Great Britain, 4.8 per cent.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
LABORATORY OF ORGANIC CHEMISTRY

REPORT OF RESEARCH WORK
PERFORMED BY
[Name]

SYNTHESIS OF [Chemical Name]

The following report describes the synthesis of [Chemical Name] from [Starting Material]. The reaction was carried out in [Solvent] at [Temperature] for [Time]. The yield of the product was [Yield].

The product was purified by [Purification Method] and its identity was confirmed by [Analysis Method]. The molecular weight of the product is [Molecular Weight].

Time (min)	Temperature (°C)	Pressure (mm Hg)	Yield (g)
0	25	760	0
10	25	760	0.1
20	25	760	0.2
30	25	760	0.3
40	25	760	0.4
50	25	760	0.5
60	25	760	0.6
70	25	760	0.7
80	25	760	0.8
90	25	760	0.9
100	25	760	1.0

The above data were obtained from the following experiment:

1. Weigh out [Amount] of [Starting Material] and place it in a [Reaction Vessel].

2. Add [Amount] of [Solvent] and stir the mixture.

3. Heat the mixture to [Temperature] and maintain it there for [Time].

4. Cool the mixture and pour it into [Receiving Vessel].

PRODUCTION OF COMMERCIAL SALT IN CANADA

Months	1937(a)	1936	1935
	Tons	Tons	Tons
January	11,910	11,013	11,189
February	11,706	11,662	10,905
March	13,504	13,411	13,860
April	26,101	16,004	21,509
May	24,343	27,016	22,357
June	24,841	19,257	16,510
July	23,487	20,962	23,841
August	20,011	19,726	15,786
September	25,922	19,404	18,225
October	28,128	22,496	20,400
November	32,520	30,205	26,505
December	13,697	14,218	13,323
TOTAL - CALENDAR YEAR	256,170	225,434	214,910

(a) Subject to revision.

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