

**THE DAILY NEWS.**  
PRINCE RUPERT - BRITISH COLUMBIA

Published Every Afternoon, Except Sunday, by Prince Rupert Daily News, Limited, Third Avenue.  
H. F. PULLEN - - - Managing-Editor

**SUBSCRIPTION RATES**

City delivery, by mail or carrier, yearly period, paid in advance...	\$5.00
For lesser periods, paid in advance, per week .....	10c
By mail to all parts of Northern and Central British Columbia, paid in advance for yearly period .....	3.00
By mail to all other parts of British Columbia, the British Empire and United States, paid in advance, per year .....	\$6.00
By mail to all other countries, per year .....	9.00

**ADVERTISING RATES**

Transient display advertising, per inch, per insertion .....	1.40
Classified advertising, per insertion, per word .....	.02
Local readers, per insertion, per line .....	.25
Legal notices, each insertion, per agate line .....	.15
Contract rates on application.	
Editor and Reporters' Telephone .....	86
Advertising and Circulation Telephone .....	98
Member of Audit Bureau of Circulations	

DAILY EDITION  Friday, Oct. 16, 1931

**USING THE ELEVATOR**

While filling the elevator once and using it for storage purposes is not very satisfactory, it is better than having the local house left empty. There is always a possibility that it may be used more as the season advances.

We are having rather a bad time over our elevator in Prince Rupert, but not worse than they had in Vancouver, where for several seasons it was not used even for storage purposes. Our day will come, as sure as day follows night.

**MIGHT HAVE BEEN TODAY.**

(From Harper's Weekly, October 10, 1857)

It is a gloomy moment in history. Not for many years—not for the life-time of most men who read this paper—has there been so much grave and deep apprehension. In our own country there is universal commercial prostration and panic, and thousands of our poorest fellow-citizens are turned out against the approaching winter without employment.

In France the political cauldron seethes and bubbles with uncertainty. Russia hangs as usual like a cloud dark and silent upon the horizon of Europe; while all the energies, resources and influences of the British Empire are sorely tried, and are yet to be tried more sorely, in coping with the vast and deadly Indian insurrection, and with disturbed relations in China.

Of our own troubles no man can see the end. If we are only to lose money and by painful poverty to be taught wisdom, no man need seriously despair. Yet the very haste to be rich, which is the occasion of this widespread calamity, has also tended to destroy the moral forces with which we are to resist and subdue the calamity.

**CAR FOR EVERY EIGHT CANADIANS**

Ottawa has been doing some calculating, and the statisticians have come to the conclusion that if every automobile in Canada would hold eight people then everybody in the Dominion could ride at once. In other words, there were 1,239,888 motor vehicles registered at the end of last year, or one for every eight persons, as compared with one for every 8.2 persons the previous year. Ontario led registrators with 564,669 cars, and also led in the per capita column, with one for every 5.9 persons in the province. Ontario may have the cars, but Saskatchewan has the roads. The Ottawa officials discovered that there were 394,372 miles of highway open for traffic in the Dominion, and that Saskatchewan led with 154,859 miles. Alberta was next with 62,426, and Ontario was third with 52,270 miles. It is thus very noticeable that the province with the greatest number of cars is far from having the greatest mileage of roads on which to use them. Which circumstances prompted Hon. Leopold Macaulay, Minister of Highways for Ontario, to say in a recent address that the density of traffic in Ontario was becoming rather serious. He illustrated his point with the remark that if all the motor vehicles in average daily use in Ontario were placed end-to-end they would stretch a distance of 1100 miles.

**SIDEWALK WORK**

There has been some protest at the work done on the local bitulithic sidewalks and a correspondent has flown to the defense of the engineer. We do not think the engineer needs any defenders. His work is too well known in the city since he arrived here. We are ready to admit that some of the sidewalks are rather better than others but they will all improve as they are used more and very little expense will make the others equally as good.

The city council is a unit in acknowledging the excellent work the engineer is doing. His estimates have been all very close to actual costs, usually slightly higher and the work is better than has been done here for many years. The present council owes much of its success to the engineer.

**POWER IS DISCUSSED**

"Trapping Sunbeams" Is Subject of J. F. Little at Rotary Club Luncheon Yesterday

**INTERESTING STORY**

Tells How British Thermal Units Leave Ocean and Finally End Up at Consumer's Homes

"Out somewhere, some day, some hour on the Pacific a shaft of sunlight darts its rays on the water of the ocean and here and there is given birth to the just youngsters named B.T.U. or British Thermal Units," said J. G. Little, manager of the Northern B. C. Power Co., in an address on "Trapping Sunbeams" at the Rotary Club luncheon yesterday. "During this same period, thousands of other units are born and together are wafted up into the heavens in preparation for their journey. The group is now called a cloud and, gently sailing along until it comes to the high mountains of the Skeena, it rises higher and in this effort due to the decreasing pressure of the atmosphere, falls apart into the water shed of the Falls River. Some of them have changed their state, resting in the higher altitudes having given up too much of their energy, they are frozen and turn to snow and ice; others assume the same quality or condition as they had on the Pacific an dfall as rain. They have, however, several hundred feet to fall before they return to the level of their birthplace and still retain some of the energy imparted to them.

"So far, these units have travelled a considerable distance by means of water or vapor and they will utilize this means of transportation for some considerable time. It is well to mention that water has been made the vehicle for the energy up to this point.

"In illustrating their progress I will continue to use the same vehicle, although B.T.U., as I said before, will change their transportation facilities as conditions warrant.

"After tumbling down hillsides, combining into streams and creeks, they arrive at a dam obstruction and are diverted through a penstock and, in their anxiety to escape, they enter a waterwheel thence to an electric generator where they are shot on to the transmission line under varying pressure until they arrive at their final destination, Mr. Consumer. From the time they enter the penstock and generators combining with their friends, they attempt to escape. Some escape as heat and are lost due to friction in bearing winding, copper, governors, auxiliary apparatus, etc. As you know, when two bodies in motion come together, heat is usually generated, except probably in the case of the student who was asked by his professor if heat were always generated when two bodies in motion come together. The student answered: 'No, Sir, I hit a guy yesterday and he knocked me cold.'

"The designer knowing their propensity to escape before they arrive at their destination, has taken several preventative measures over a period of time which ensures that more and more of these units are disciplined and brought to the desired goal.

"The engineer terms this efficiency. In the meantime some 10 per cent have deserted through the turbine, 5 per cent through the auxiliary apparatus, and probably 10 per cent through the transformers and transmission line and step up and step down transformers. Out of each hundred that entered the penstock, 30 have deserted, only 70 arriving at the end of the transmission lines.

"Quite a further percentage desert before they arrive at Mr. Consumer's as on the slightest provocation they escape and do so through the substation, distribution transformers, distribution lines, meters and house wiring before the balance are finally put to work.

**Radio Interference**

"You will see, therefore, that all the effort expended by the designer is confining this energy within certain channels and the more efficient the method the less the cost eventually to the consumer. Some of these units, however, are so overjoyed when they arrive within the city limits that they insist on spilling over on McBride Street and causing the radio fans, in indignation, to write to the wise men in the East to stop them from leaving the lines and raising Cain in their loud-speakers. They complain so

**Man in the Moon**

Some people give according to their means and others according to their meanness.

Jake says he knows what's wrong with the world. It's those chaps who won't pay him what they owe that set everything wrong.

Mrs. Jones says her servant girl must be Japanese because she is so intent on smashing china.

Jake says when he was single she wept on his shoulder, and now she sits on his neck.

It's John Davey, I think, who says that no matter how low the Canadian dollar goes, tenners are always at a premium.

There was a man in the office the other day who argued that all doctors were burglars. Anyway, they both give the same advice: "Sleep with the windows open."

Evelyn: "What are you thinking about, Dick?"

Dick: "Same as you're thinking about."

Evelyn: "If you do I'll call Dad."

"Mercy, dearie, what a pretty new sweater you have on. It seems to be of some highly colored yarn."

"Yep—and you ought to have heard the highly colored yarn I had to tell my husband to get it."

"Look here," said the young man to his bride of six months, "most of the buttons are gone from all my shirts."

"Well, now," replied the bride, "I'll have to buy you some shirts next time I go shopping."

often and loudly that I am beginning to get into the same frame of mind as the boy who had his face slapped six times and came to the conclusion she meant it.

"The most efficient plants utilizing coal, super heat or high pressures and most economical heat cycle work at about 25 per cent efficiency overall. In the case of water power, this efficiency at the present day is in the neighborhood of 90 per cent. We cannot therefore look for a great relative improvement in the latter and have a considerable field for improvement in the first mentioned. Do no judge from his statement, however, that hydro electric power is in all cases more economical than that from coal. This is not so, as in many parts of the country today, coal and oil still hold and will continue to hold a very dominant position in the public utility field.

"To continue the picture, the energy after arriving at the substation is diverted, some of it wholesale to the Canadian Fish and Cold Storage, which works most of the time; the Dry dock, which works some of the time, and to the elevator, that should work all the time but usually works none of the time.

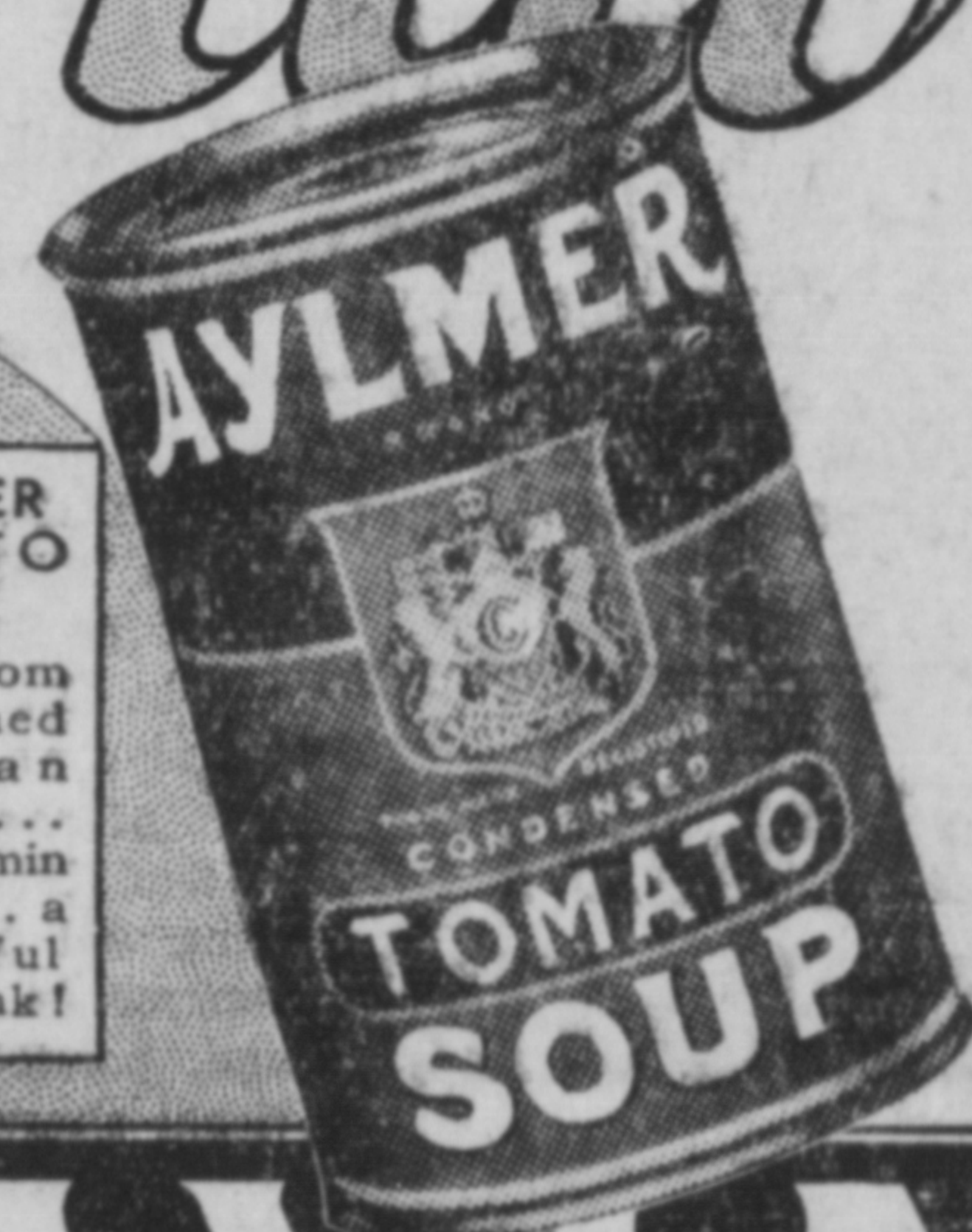
"The balance is distributed for small commercial and domestic purposes, and to complete the conversion of the sun's rays from the Pacific to the home we can insert a special lamp in a socket and derive these health-giving rays at the snap of the switch whether it is stormy or clear during any day of the year, in winter or summer or any hour of the day or night."



LISTEN IN on the AYLMER Musical Menu every Friday evening over radio station CJOR

Men prefer AYLMER Tomato Soup for its

*natural flavour*



AYLMER TOMATO JUICE Made from sun-ripened Canadian tomatoes... high in vitamin content... a delightful health drink!

The Natural Flavour of fresh-picked, sun-ripened British Columbia tomatoes... that's the flavour of AYLMER Tomato Soup! And what flavour could be more pleasing or more delicious?

AYLMER Soups are made in British Columbia. All vegetables and tomatoes in them are grown in this province. All cans, labels and cases also are made in B.C.

Ask for AYLMER, the NATURAL FLAVOUR Soups.

DOMINION CANNERS B.C. LIMITED Vancouver, B.C.

9 canning plants in British Columbia

A 100% B.C. PRODUCT 1931

**AYLMER SOUPS**  
MADE IN B.C.

10c. a week!

10c. a week!

**KEEP IN TOUCH**

With events that are transpiring. TEN CENTS a week brings the DAILY NEWS to your house every day. Save money by subscribing

Telephone 98 and the boy will call and collect

**KEEP BLOOD-POISON OUT WITH Zam-Buk**

Treat every skin injury with our antiseptic Zam-Buk. This fine herbal balm prevents germ infection, allays inflammation, removes all trace of poison and ensures quick, clean healing. \*KEEP A BOX OF ZAM-BUG HANDY!\*

for CHAPPED SKIN Dilute Minard's with one-half sweet oil or cream. Apply once a day. For Frost Bite use the Liniment freely and undiluted.

**MINARD'S "KING OF PAIN" LINIMENT**

**TAXIDERM Y**  
Furs Made Up  
18 Years' Experience  
All Kinds of Mounting  
J. A. LESTIN  
Prince George