

OUR MERCHANTS
Patronize our local merchants
and leave your money in your
city with the men who are try-
ing to make it go.

The Daily Mail

WEATHER
Moderate to fresh southwest
winds, unsettled with showers
and local fog; Tuesday, cloudy
with occasional rain.

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A PROPOSITION RE BAY OF FUNDY

United States To Develop Fundy's Tides, Cost Millions

**All - American Project
Will Utilize Rockbound
Islands and Natural
Layout to Provide Elec-
trical Energy.**

MONTREAL, June 16—The United States Government which has had vast sums voted for its public works construction in connection with its recovery programme, is going to harness the Bay of Fundy tides for the use of man.

The proposal can only be handled with the employment of vast sums of money, though at the moment that is not one of the chief worries of United States engineers. Their aim now is to get the Tides at work within the shortest possible time, and they are not as anxious as they might have been a decade ago over the market for their product. The main thing is to start producing electric energy. Engineers here are greatly interested in the practical side of the huge enter-

prise.

Ever since the electric age, and before, men have dreamed of putting the Tides to work. They watched the inexorable rise and fall of the ocean level caused by the attraction of the moon, and wondered if some way couldn't be found to put that rise and fall of water to work.

Now for the first time it is about to be tried on a serious scale.

Eastport, Maine, was chosen for the same reason that sites are chosen for river dams—there has to be a bottleneck easy to dam, and firm foundations for the construction.

Rise to Great Heights

On an ordinary ocean beach, the tide may be seen to crawl up the beach, rising a few feet. But on the "rock-bound coasts of Maine," the ocean water, as the tide rises, is forced into narrow openings in such a way as to rise as much as 27 feet.

Eastport has not only such narrow openings with their high tides but they lead into great bays to serve as storage reservoirs. President Roosevelt himself, when he used to summer 25 years ago on nearby Campobello Island, in Canada, watched these tides rush from the Bay of Fundy through narrow openings into Passamaquoddy and Cobscook bays.

For ten years Dexter Cooper, American hydraulic engineer and builder of the Keokuk Dam, has been vainly trying to interest private enterprise in the project. For two years, efforts have been made to interest Washington in the enterprise as a public work.

Met Many Turndowns

Always it has been turned down because it was feared that the sparse population of the "potato-growing Aroostook district and in fact of all Maine, would not furnish buyers for the power.

Now, with billions available in the new public works program, and a great effort to spread industry into new fields, the "Quoddy" project is about to be started anyway, in the hope that its development of power will draw people and factories northward.

Original plans for the "Quoddy" project included two great bays, one of which is almost entirely in Canada. But Ottawa decided against taking part and now plans have been revised to make an all-American tidal power plant.

The general principle is simple. You build a series of dams across all the inlets from the Bay of Fundy into Cobscook Bay. The inner basin, inside the dams, is to be maintained at or near low-tide levels. There are gates and a power house in the main dam.

Mosquitos

Considerable complaint has been heard within the last couple of weeks regarding the mosquito nuisance, which is worse this year than for many seasons past. The misquitos this year seem to come in larger numbers and seem more keen in bothering people. They even come into the bedrooms and the sleeping porches through the screens. Most of us have considered the mosquito a pest to be endured. In Manitoba, especially in Winnipeg, the pest had from early times been terrible. In one instance a traffic policeman resigned his post because he could not stand the mosquitos which swarmed around and bit.

The Anti-Mosquito Campaign was formed by the Municipality and conducted operations of great value to the health of the city—for it is rightly claimed that the mosquito pest is an injury to health. Several public bodies, including the Y. M. C. A., the Manitoba Historical Society, the Board of Trade, the C. N. R. and C. P. R. and the Manitoba Free Press joined with the city authorities in a successful effort to better conditions in regard to mosquitos. A mosquito control board was formed and the Dominion Entomological Department gave assistance and advice. The result was greatly beneficial and the authorities managed to get rid of an evil that had to be endured.

Speaking to The Daily Mail this morning, the Chief Entomologist at the station here said that the Department was ready to give assistance and advice to our local authorities any time that it was requested. He remarked that in years past an effort had been made by the city engineer to control mosquitos and as far as local control went, it had been successful. Oil had been put on the back drain and other local places and considerable good had resulted. This has not been done during the present season, and no doubt we are feeling the results. Of course it is impossible to control the inward flight of the mosquito from the unprotected areas. At the same time local control in the past has shown results. This summer, when we do not have local control, citizens feel the difference. Let us do better another season.

Great Source of Power

The tide starts to rise in the sea and the Bay of Fundy. But the dam prevents its usual rush into Cobscook Bay. Pretty soon it is five feet higher outside than inside the dam. With the vast volume of water, that is enough to generate power as you let the water drop from the outside level to that inside the dam.

The water outside continues to rise to a mean level of 18 feet, then begins to subside as the tide falls. But it continues to be higher than the inside level until toward the end of the falling process, for the bay inside has risen only two or three feet from the water passing into it through the generators.

When the tide outside falls to within five feet of the levels of that inside, the generators must be stopped. When the outside level falls even with that inside, the gates are opened and both levels fall together to the low-tide point. Then the process is repeated.

You may readily see that, unlike a river dam, there are here two five-hour periods each day when the generators can't be run, thus interrupting the continual stream of current.

So the present plans call for a big storage reservoir near Haycock Harbor, 15 miles away, and 125 feet above sea level. Engineers figure that enough surplus electric power will be generated at the Eastport dam at high tide so that it can be used to run the pumps to lift water from the sea and keep this reservoir full.

Since it is 125 feet above the sea, there is plenty of fall to generate power here during the periods when the tidal plant can't function. Power lines will simply be switched over to this plant during those times.

Ten millions, it is said, will go into the initial work immediately and it is expected that several thousand men will get jobs before summer is over. Present plans call for more than \$35,000,000 expenditure.

On the air this evening at 6.30 the Right Honourable the Countess of Ashburnham.

C. F. Inches, K.C., New President of Barristers' Society

At the annual meeting of the New Brunswick Barristers' Society held at Saint John on Saturday afternoon, C. F. Inches, K. C., was elected the new president. The other officers were elected as follows: Vice-president, C. J. Jones, K. C., of Woodstock; secretary-treasurer and librarian, Ernest A. MacKay, K. C., of this city.

To the council of the society, which includes the past presidents and the attorney-general as ex-officio members, as well as the officers the following additional members were elected: A. N. Carter, J. H. A. L. Fairweather, K. C., J. F. H. Teed, K. C., H. O. McInerney, K. C., all of Saint John; R. P. Hartley, K. C., and J. B. McNair, of Fredericton, and H. A. Carr, K. C., of Campbellton.

The following is a list of the presidents of the society since 1889: F. E. Barker, D. L. Hanington, C. W. Weldon, G. F. Gregory, A. A. Stockton, Daniel Jordan, J. B. Phinney, J. D. Hazen, A. B. Connell, A. O. Earle, M. G. Teed, R. W. Hewson, J. B. M. Baxter, A. R. Slipp, W. A. Ewing, A. J. Gregory, W. B. Wallace, W. P. Jones, F. R. Taylor, P. J. Hughes, C. F. Sanford, J. J. F. Winslow, I. C. Rand.

MISSION SERVICES

A four days' mission opened at St. Anthony's Church yesterday. The mission services were conducted by Rev. Father George O'Connor, of New York. Last evening Father O'Connor preached on sin and repentance. Benediction was given by Rev. Father Walter Donohoe, the pastor. The altar was nicely decorated and presented a pretty appearance. The singing by the choir was excellent. The services are being continued today, with large congregations present from Devon and the surrounding districts. Last evening a large number were present from this city.

FREDERICTON HAS 162 PUPILS WRITING PAPERS

Total Number Writing
H. S. Entrance Papers
Numbers 263

Record Number

Exams. Being Carried
On In P. N. S. Building
This Week

A total of 262 pupils commenced writing the Fredericton High School entrance examinations today in the provincial Normal School building. This number is considerably larger than in past years. Of the total 162 are writing the papers from the schools of this city, and this also is a new high mark.

The examinations are in charge of R. D. Hanson, secretary of the Board of school trustees. The papers will last until Friday. Forty pupils are from Devon and sixteen from Marysville, while Barker's Point has ten writing the papers, and Nashwaaksis has eleven.

The names of those writing the high school entrance papers from the various places are as follows:

Fredericton

Agnes L. Adamson, Robert L. Adamson, Edwin G. Allen, R. R. No. 4; Doris M. Allen; Annie M. Arnold, Marion R. Baird, Lillian E. Bailey, William L. Barrett, Lawrence K. Barkhouse, L. Joyce Bishop Jack F. Briggs, Marion Bird, Harold A. Bonnell, Clara A. Booker, R. R. No. 7; Sharon Black, Thelma E. Brooks, David R. Brown, R. R. No. 4; Malcolm R. Brewer, Goldie Budovitch, Frank Budovitch, Alastair D. Cameron, H. Irene Case, Vera A. Carlisle, R. R. No. 4; Helen Chestnut, Gertrude A. Chase, Barbara S. Chase, Audrey B. Charters, Harry W. A. Charters, H. Louisa Clarke, Norman E. Clynick, Jean M. Coombes, Barbara H. Coveney, George A. Colter, E. Eleanor Cremin, Violet L. Darlington, Alfreda F. Davidson, Dorothy H. Day, David M. Dickson, Frank G. Downie, A. Myles Draper, R. Pearl Dunphy, R. R. No. 4, Waldo B. Evans, R. R. No. 4, James K. Fleming, Mildred E. Fletcher, R. R. No. 5; Barbara I. Forbes, Marjorie W. Fowler, Clive H. Foster; Marion G. Gay, R. R. No. 6; Cherry P. Gilbert, R. R. No. 4; Winslow D. Gilbert, R. R. No. 4; Gertrude M. Gray, R. R. No. 6; Anna M. Grant, R. R. No. 4; Harry Grant, R. R. No. 4; Ernest W. Grant, R. R. No. 4; Gladys C. Gray, Catherine M. Greer, Wendell Gullison, Mary V. Hall, Margaret F. Hartt, Vernon Hall, J. Carlisle Hanson, John R. Hanson, Elsie I. Hawkins, R. R. No. 4; Edith E. Haining, Edward N. Haining, Dorothy P. Harrison, Mary K. Hazlett, Dorothy G. Hickson, Frank B. Hicks, Leigh C. Holvoke, D. Clarkson Horncastle, Doris D. Hutchinson, Joyce J. Hutchinson, Joyce H. Irving, A. Blanche Jewett, Dorothy E. Jewett, Walter A. Kerr, Mary M. Killeel, Marie G. King, R. R. No. 6, Marie E. Killeen, Vivian A. King, Jack C. Kitchen, Stewart A. Kitchen, Howard J. Lawrence, Doris E. Laurie, Eva J. M. Langille, Dorothy C. Lee, Nora E. Lenihan, Carl Lee, Marjorie E. Lingley, Glen A. Libby, E. Marie Lister, Ralph W. Libby, Marguerite Logan, Exca Anna May Lofstrom, Myles Lockhart, Paul Mawkinney, Ann Miller, Stuart McNaughton, Wona MacKay, Frances Murray, Glendon Morgan, Grace McArthur, Rita McCaughey, Benedict McCarthy, Donald McCormack, Marie McFee, Marguerite Orchard, Helen M. Orchard, Thelma O'Kee, Edgar McMaster, Howard McMinlin, Millicent McMinlin, Ralph McKnight, Harry Olive, Helen Frances Page, James Everett Palmer, Clarence Pickard, Alvin Pond, Clarence R. Poore, Doreen Pridham,

(Continued on Page Four)

Muskrats and Egg Beaters Are Issues

INCREASE IN WHISKY EXPORTS IS SHOWN

Domestic Ale and Wine
Sales Show Sharp
Decline

OTTAWA, Ont., June 17—While the export of domestic ale declined from 16,913 proof gallons to 4,033 during May, compared with the same month in 1934, exports of Canadian whisky rose from 129,349 to 184,340 proof gallons, according to figures issued yesterday by Hon. R. C. Matthews, Minister of National Revenue. In whisky, Canada's best customer was the United States, that country taking 177,899 proof gallons last month a year ago the United States imports were 121,690 gallons.

In ale, however, American imports last month amounted to only 371 gallons, as against 13,331 a year ago. British Guiana, with an importation of 640 gallons of ale, was this country's best customer in that commodity.

Exports of domestic wines diminished sharply last month, only 82 gallons being sent out of the country, compared with 7,051 for May, 1934. Of that 82 gallons, 81 went to British Guiana.

The United Kingdom purchased Canadian whisky to the extent of 2,637 gallons last month, a large upswing from 154 gallons for the same month a year ago.

Exports of gin totalled 96 gallons, only 10 per cent of the exports for May a year ago.

Library For This City Is Proposed By Historical Society

Tonight at 8 o'clock the executive of the York and Sunbury Historical Society will meet to consider a proposition of Rev. Dr. F. A. Wightman for the establishment in this city of a joint museum and library. The accommodation of the present museum is very much cramped. It is felt that if the Society is to get anywhere increased accommodation will be required. At the same time a public library is badly needed in Fredericton and it is thought that now is the time to arrange for both a good-sized museum and a public library.

J. B. McNAIR ON THE AIR

Tune in CFNE, tomorrow night at 6.45, A.S.T., and hear the president of the N. B. Liberal Association broadcast on the election.

FIRST VISIT HERE IN 29 YEARS

Atherton A. Coburn, Mrs. Coburn and their son and daughter have arrived in the city for a short visit. Mr. Coburn, who is a resident of Deadwood, South Dakota, has not visited Fredericton for a period of 29 years. Mrs. George W. Brown and Mrs. A. T. McMurray, of this city, are sisters of Mr. Coburn. Many old friends who knew Atherton in his boyhood days will be pleased to welcome him back to his native city and will also be pleased to meet Mrs. Coburn and family.

The public are cordially invited to see a demonstration of Junior Red Cross Work at 4 p.m. on Thursday at Normal School auditorium.

J. B. McNair Interrupted In His Address at Nor- tondale By Cry Of "Muskrat" — Premier Tilley Spoke On Egg- beaters — Dysart At Hartland.

The spark that will in all probability light the fire to keep the political pot boiling more vigorously than ever until the 27th, was thrown out over the weekend by various speakers and hecklers at campaign meetings throughout the province. J. B. McNair, Fredericton, Liberal candidate for York county, was abruptly interrupted in his address at Nortondale by the cry of "muskrat." The candidate stopped long enough to explain the incident regarding a muskrat farm, to which the heckler evidently referred. At Hartland Hon. A. A. Dysart, leader of the opposition, also threw out several remarks concerning the alleged practices of the government in regard to road work. Hon. L. P. D. Tilley, premier, at Andover, replied to the remarks of the opposition regarding the price of eggbeaters in the Provincial Hospital kitchen.

(Special to The Daily Mail)

NORTONDALE, York Co., June 16—The simple word, "muskrat," coming abruptly from the lips of one of his listeners, caused J. B. McNair, Liberal candidate for York county, to make a break in his address before a Nortondale audience last night. Mr. McNair, who, with two other speakers, E. W. Saunders and Murray Ashfield, addressed a gathering of forty-two in the schoolroom here last night, was in the midst of a campaign speech when the interruption came. The speaker called to the interrupter to come into the hall and show himself, but when the latter, who had been pursued by two of Mr. McNair's supporters, did not appear the candidate shouted in a loud voice, "You are yellow, you do not dare to show yourself!" And then to the audience, "That is one of Dr. Jewett's supporters. I have been waiting for this, and now, since it has come up I might as well explain it to you." Mr. McNair said to the audience that they had probably heard stories about the incident to which the interrupter had evidently referred, and that he would like to tell them the story himself.

The speaker began, "I am a lawyer trying to earn a living the same as any one else and when a frined of mine, Major Scott, came to me with a proposition put up to him by a company in Halifax to start a muskrat farm in Halifax and then to transfer the farm they already had to the one in Moore's Mills, I naturally thought it would be a good proposition. The company's salesman came up here, and they were slick salesmen, I grant you. The directors of the company made Major Scott president and gave me the position of secretary for which I received one share of the stock of the company." Mr. McNair inserted, "This is a good place to tell this, in the backwoods, where Mr. Tilley says they don't understand anything." The speaker continued, "The salesman sold 600 shares of the stock. I had one share. Then when it became apparent that no more stock could be sold the company went into bankruptcy. I made nothing and the company lost twice as much as they put into it." He continued, "Why do they have to use such dirty methods to try to ridicule the candidates? All you have to do is to write a letter to the bar association to find out how I stand in the eyes of my professional associates. There was a man in Fredericton who was

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