

SCOUTS GATHER
LONDON (CP) — The Boy Scouts international bureau announced that the world jamboree at Niagara-on-the-Lake, Ont., next August, will be followed by the 15th international conference of scout leaders at Niagara Falls, Ont.

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Electronic Brain May Revolutionize Office of Future, CMA Head Says

By THE CANADIAN PRESS
The electronic "brain" may revolutionize the office of the future even more than the typewriter and adding machine changed the office of the past.
This picture was given by J. A. Calder, president of the Canadian Manufacturers' Association, in an address Tuesday to the Montreal chapter of the National Office Management Association.
He foresaw, perhaps within five or eight years, big offices operating with electronic devices which would be able, within a matter of seconds, to cope with the complete handling of hundreds of accounts.
They would, with ease, charge rates, figure out interest, prepare payrolls and write cheques or invoices from a stub of tape, and even issue them for mailing at specific times.
Office management must start now, said Mr. Calder, to prepare for such changes, for the new

machines would require new skills and perhaps completely new concepts.
For a start, office procedures should be streamlined and simplified, because the new machines, though capable of performing most intricate and involved calculations, processes, must be fed with material both simple and free from exceptions.
The office "brain" might be too expensive for every office, but bigger businesses would need them, and small offices might arrange part-time rental arrangements.
The new era, however, would not mean that the office of the future would be a super-robot which could dispense with human beings.
"The office worker of tomorrow will not only be as necessary as the machines, but will need a better all-round education—in some kinds of offices a university education—to cope with these machines and to keep up with the increasing complexity of business methods and operations," said Mr. Calder.

Says Insects Show World Getting Warmer

SAULT STE MARIE, Ont. (CP) A scientist at an entomological meeting here says a shifting insect population indicates the world is getting warmer.
Prof. E. M. Walker, who until recently was head of the department of zoology of the University of Toronto, said Tuesday insects once common to southern Ontario are now found farther north, while new species there are immigrants from more southerly areas.
Increases of cod population far north of original limits also points to a warming of the sea, the professor said.
Temperature records for southern Ontario show the mean annual temperature has been rising during the last 6 years at a rate estimated at three to four degrees a century, he said.
Prof. Walker said the duration of the temperature increase is not known.
"Climatic fluctuations are measurable in decades and even if the present change is only a short one it will be long enough to be of great interest to humanity," he said.

Little Sands

*Miss Ardith Dixon, R. N., of the P. E. Island Hospital is spending two weeks vacation at her home in Little Sands.
Miss Marlene Dixon, teacher at Eidon, arrived home by bus on Friday evening to spend the weekend with her parents, Mr. and Mrs. James Dixon and Miss Ardith, her sister.
Mrs. Angus Matheson of Glen William was visiting relatives in Little Sands on Friday at the home of Mr. M. A. MacKenzie. Her daughter, Miss Barbara Matheson, teacher at the Airport school at Summerside accompanied by Miss MacInnis, another teacher left Friday for Chipman, N. B., to spend the weekend.
One of Mr. S. J. Reilly's trucks was loaded with a large load of potatoes in Little Sands, Monday morning and left for Nova Scotia.
Miss Mary MacPherson teacher at Union Road was at her home in Little Sands over the weekend.
The many friends here of Donnie Livingstone regret to hear of his serious truck accident in Nova Scotia last week. Donnie is the son of Mr. and Mrs. Donald Livingstone of Hopefield and our thoughts are with the parents and family in their anxiety. We wish him a speedy recovery.
Sincere sympathy goes out to the family of A. B. Vincent Buchanan of Eidon, who died one hour after a truck accident, in Pugwash, N. S. last week.
Mr. and Mrs. Archie MacLean and their daughter, Ethel, Murray River visited relatives in Little Sands on Sunday.
Mr. George H. Blue accompanied by Mr. and Mrs. Alex Blue and

Savage Harbour

Mr. John MacInnis of Point de Roche was a business visitor to Charlottetown on Saturday.
Senator and Mrs. J. P. MacIntyre of Savage Harbour were recent visitors to Indian River where they were the guests of Mr. and Mrs. J. P. MacInnis.
Miss Ann McInnis of Point de Roche was a welcome visitor to Savage Harbour during the week where she was the guest of Miss Thelma MacKay.
Hallowe'en has come and gone. The odd trick was played of course, but as far as can be learned no damage was done.
Potato digging has been about completed in this area and the Community warehouse at Douglas Station is filled to capacity. The general manager Mr. Wilfred Coffin of Savage Harbour will have a new at work grading early in the week and very soon the first shipments will be on their way.
Two motor boats arrived at Savage Harbour from Rustico on Monday for the purpose of towing the small clam-shell dredge No. 25 back to Rustico. No. 25 has been digging at Savage Harbour for the past several weeks and her work here having been completed she will now move on. It is understood that several boats from the harbour will assist in the tow when weather conditions make such a venture feasible.
Workmen aided by two Government road maintainers are busily engaged in making needed repairs and alterations to the Northside Road. That is the road running from Gunn's Corner beyond Temple Murphy's to the shore. Mr. Valentine MacIntyre, local roadmaster is in charge of the work. Trees and undergrowth which served no useful purpose are being removed and it is hoped that now this important part of the highway may be served by the snowplows when necessary.
An over-crowded crowd greeted the opening card game at Savage Harbour School on Thursday evening. Play was kept but far from one-sided. The veteran player Joseph MacKay was the high winner of the night but his superiority was disputed to the last trick. A fine group from Mt. Stewart and another from Dredge No. 12 lent greater interest to the competition. However the pastebord twirlers from Point de Roche and Savage Harbour were foremost among the best. A delicious lunch was served by the members of the Women's Institute, under whose sponsorship the entertainment was held.

War Surplus Refinery Now Producing 25,000 Barrels Daily At Edmonton

EDMONTON (CP)—A war-surplus oil refinery which has travelled the length of the continent now produces 25,000 barrels of oil daily on the east Edmonton site it soon will share with a \$15,000,000 lubricating plant.
Imperial Oil Limited's Edmonton refinery started its last move early in 1947 when the company brought in a Leduc well at the start of the Alberta oil boom. When other wells followed, it was clear that Edmonton was the logical place for a refinery.
Company officials reckoned it would take three years to build a new refinery and materials were scarce in 1947. However, Imperial Oil bought a refinery at Whitehorse, Yukon, which the United States Army erected to supply fuel for mechanized forces during the Second World War.

Many of the refinery's units had been hauled from Corpus Christi, Tex., Pinedale, Cal., and others from Hamilton, Ont. It was purchased from the U. S. war surplus commission for \$1,000,000.
TRANSPORT FEAT
One of the greatest transportation feats of northern Canada began for the refinery's trip to Edmonton. Parts of it were trucked 919 miles to Dawson Creek and then by rail to Edmonton. Others too large for road shipment were hauled to Skagway, Alaska, shipped down the coast to Vancouver and then to Edmonton for re-assembly.
Seventeen months had elapsed when the refinery went "on stream" July 17, 1948 and the total cost was \$5,700,000. But 19 valuable months of refining operation had been saved.
The refinery originally produced 6,000 barrels a day but its present capacity is 25,000 barrels. It now is equipped with a 7,600-barrel-a-day fluid catalytic cracking unit.
Near the refinery, just east of Edmonton, workmen are busy constructing a \$15,000,000 lubricating oil plant scheduled to be in operation within a year. The plant will have a capacity of 2,000 barrels daily and will manufacture 55 different kinds of automotive and industrial lubricating oils.

Too Many Bombs Could Produce Race of Monsters

VANCOUVER (CP)—A leading Canadian physicist says a race of human monsters could be created by nuclear poisoning of the earth's atmosphere as a result of an "undue number" of hydrogen and atom bomb explosions.
Dr. George Volkoff, physics professor at the University of British Columbia, said in an interview Tuesday night that too high a rate of radioactivity in the atmosphere could cause changes in human reproductive cells, thus causing the birth of freaks.
He was commenting on a statement made earlier Tuesday by Prime Minister Churchill that an "undue number" of atom and hydrogen bomb explosions might have serious effects on the earth's atmosphere for about 5,000 years.
Dr. Volkoff said the bulk of radioactivity resulting from a nuclear explosion is short-lived.
"But . . . it piles up depending on the number of bombs you explode," he continued. "Each time we explode a hydrogen or atom bomb we add to the atmosphere something we can never subtract."
He added the harmful effect on human reproductive cells would extend over generations.

HEROIC SERVICE

LONDON (CP) — A memorial to 414 men and women of the London fire service killed on duty during the Second World War is to be erected in the Lambeth district.

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Ron Millichamp is typical of many young Canadians who realize the necessity for and the practical advantages of Militia service. By this service, they are training to be ready and able to protect their own families and communities, in time of emergency.
Many more young men are needed to help in this great national effort. How about you? Are you doing your share?



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daughter Lila, all of Little Sands visited at the home of Mrs. Blue's sister, Mrs. Rowan Sencabaugh, Oak Valley, on Sunday.
Mr. and Mrs. George H. Blue of Little Sands received congratulations on Saturday, October 30. This being their 25th wedding anniversary.
Mr. Peter O. Richards, who is employed on one of the Government dredges, was at his home in Little Sands over the weekend.
Mrs. Shimen and son, Hector of Lower Montague visited relatives in Little Sands last week.

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