

Advertising Rates Payable In Advance

Minimum Charge For Any Advertisement 25 Cents
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Boarders Accommodated

STUDENTS ACCOMMODATED.—59 Euston Street.
TWO MALE STUDENTS ACCOMMODATED. 260 Kent.
STUDENTS ACCOMMODATED. Apply Box 627, Guardian.
STUDENTS ACCOMMODATED. Girls preferred. Phone 2973-L.

GIRL STUDENTS ACCOMMODATED, one block from college. Write 129 Hillsboro Street.

Cars & Trucks For Sale

1931 CHEVROLET COUPE. GOOD condition. Eric McCallum, Marshfield.
1950 HILLMAN. GOOD CONDITION. Can be seen at 300 Richmond or phone 1025.

FOR SALE—1936 DODGE SEDAN. Good running order. New battery. \$350.00. Call 2590-J.

FOR SALE—1938 1 1/2 TON FORD Truck. Six tires, almost new. Apply Eldon Drake, Bristol, P. E. I.

FOR SALE—1950 3-TON MERCURY, in good shape. Phone Loman Harris at 248 between 9:30—11 a.m.

FOR SALE—1949 CHEVROLET five passenger DeLuxe, radio, heater. Apply 208 Fitzroy Street after six o'clock.

FOR SALE—1948 DODGE SEDAN. New reconditioned motor. Good rubber. Bargain for cash. Apply 267 Sydney Street.

FOR SALE—1946 MONARCH 5 passenger coupe; lovely condition. Good price for cash. 51 Upper Queen Street. Phone 2127-L.

Car Accessories

GOOD USED PASSENGER TIRES \$7 each; truck tires 900 x 825 x 750 x 20, \$30; 32 x 6, \$25; 700 x 750 x 16 x 17, \$15 each. Truck tubes \$5. Passenger tubes \$2 each. shipped C.O.D. collect. Glendale Tire Co., 1287 Weston Road, Toronto, Ont.

Cars Leaving

CAR LEAVING—FREE TRANSPORTATION to Boston for licensed U. S. driver. Drive car and couple to Boston on or about August 14th. Telephone Murray Harbor 18-32.

For Sale

FOR SALE—34 ACRES OF grain. Apply 82 Gerald St.

FOR SALE—NINE DOUBLE school desks. Apply C. R. Dingwell, Marie.

FOR SALE—TWO NEW TRAILERS. 16" tires. Apply Belvedere Service Station.

FOR SALE—2 NEWLY FRESHENED cows. Apply David Thompson, West Royalty.

FOR RENT—TWO UNFURNISHED rooms with sink and water and private entrance. 190 Grafton.

STOVES AND FURNACES REPAIRED. Acetylene welding. Phone 2117-J. W. Carmody, 296 Fitzroy.

FOR SALE—8 C. F. GILSON Refrigerator, one only. Reduced in price. Washers and Furnaces. Willard's Service Station, Windsor.

For Rent

ROOMS TO LET FOR OLD Home Week. 267 Fitzroy.

TO RENT—THREE UNFURNISHED rooms. Apply Box 643, Guardian.

TO LET—DESIRABLE SELF contained apartment. Weekly rates. Central location. Phone 1016.

TO LET—FURNISHED HEATED room. First floor. Continuous hot water. 247 Grafton. Phone 2252-L.

Female Help Wanted

WANTED—GIRL FOR HOUSEWORK. Apply Mrs. R. H. Jenkins, 125 North River Road.

WANTED—IMMEDIATELY TWO kitchen girls. Wages \$50.00 per month and board. Stanhope Beach Inn. Phone collect, Covehead 1-3.

WANTED—TEACHER FOR primary department of Free-town School (No. 7). Supplement \$500. Apply Robert Jardine, secretary trustees.

For Sale

FOR SALE—30 DUCKS. MMS. James Doran, Hermitage.

FOR SALE—USED CHESTERFIELD Set. Mohair, \$35.00. Phone 1906-R.

FOR SALE—HARDWOOD MEAT block 25 by 29 on stand. Apply M Guardian.

FOR SALE—GASOLINE ENGINE, 1 H. P. Suitable for deep well. Phone 2996-L.

FOR SALE—HALL SPRAYER. In good condition. W. P. McKenna, Emerald.

FOR SALE—ONE USED COAL Pipeless Furnace. Medium size. Murdoch A. MacLeod, Valleyfield.

FOR SALE—ONE BINDER. Massey Harris. One truck wagon. Raymond Berrigan, North Wiltshire.

FOR SALE—ONE USED COMBINE. Good condition. A. Pickard Farm Tractor, Malpeque Highway.

FOR SALE—GARDEN TRACTOR with all attachments, including one for lawn mower. Phone 2966-L.

FOR SALE—THIRTY NEW Hampshire and Barred Rock Pullets, four months old. Wilfred Wood, Brookfield.

FOR SALE—FOUR GOOD HOLSTEIN calves; one large young cow, fresh in 10 days. Frank Hamm, Mt. Herbert.

FOR SALE—AT A BARGAIN. Lath Machine and Bolter combined. Saws, Belt, Shafting, Pulleys. Edward Goff, Cardigan.

FOR SALE—FOUR ROOM HOUSE and lot in O'Leary. Reasonable for quick sale. Apply to Mrs. Amy Grey. O'Leary. Phone 2-14.

FOR SALE—TWO YOUNG COWS, one freshened, other in two weeks. Two brood sows, farrow in ten days. John Dawson, Albany.

FOR SALE—USED STEEL MILL, priced right. Four other smaller mills also available from \$50 up. Taken in trade on new threshers or Clipper combines. Used combine, worth investigating with binders in short supply. Used tractors, Cook-shut, perfect condition. Taker in trade on a Massey tractor, priced to sell. "81" Massey, new motor, velvet ride seat, \$900. Elliott & Webster, Kensington.

Wanted
WANTED—TWO MEN TO CUT pulp. Call 515-J.

YOUNG COUPLE DESIRES house in Town. Write Box 648, Guardian.

WANTED—TO RENT LATE model car, one week. C. Currie, 19 James Street, Ottawa.

WANTED—USED POTATO DIGGER. Modern type. Write particulars and lowest cash price to Box 644, c/o Guardian.

WANTED—USED GALVANIZED fox pen, wire one inch mesh, random widths, lengths. Quote price to P. O. Box 361, Charlottetown.

Naval Engineer Says Rain Packs Atom Bomb Punch

By Robert E. Getzer
WASHINGTON, Aug. 12.—(AP)—A navy engineer says raindrops pack the punch of an atomic bomb. Drop by drop, he says, they are blasting North America into the sea.
W. D. Ellison says floods occur and farm land is damaged by rain because most soil conservation is aimed at preventing damage from running water, with dams, terraces and contour plowing.
Ellison says the emphasis should be placed on preventing rain from striking earth with full force.
Even in a gentle rain, he said, the millions of drops in one storm strike earth with the combined force of a bomb.
The remedy, according to Ellison, is a simple one. It is to keep the land covered heavily with grass, crops, brush, trees, even weeds.
He has close-up, slow motion pictures showing how blades of plant life break rain's full force. Each drop is scattered into many tiny droplets. They trickle gently downward to the roots of plants and thence into the soil. Eventually they reach nature's great underground storage reservoirs and may be held there for use in a day of drought, Ellison says.

Like Giant Sponge

The navy engineer, who worked more than 20 years on soil conservation investigations for the United States Department of Agriculture, says that when land is covered with plants it is like a giant sponge that can absorb many storms.
But when it is denuded of vegetation, he says, land is like a hard concrete cover. When rain

Praise Role Of Chalk River In Atomic Program

By Douglas How
OTTAWA, Aug. 11.—(CP)—Both the United States and United Kingdom have told Ottawa Canada's Chalk River atomic project has been "of great value" to their A-bomb programs and consider it one of Canada's main contributions to joint western defence.

It also is understood that "quite a bit" of the fundamental nuclear research at Chalk River will contribute to the drive to produce a hydrogen bomb in the U. S.

At home, Chalk River's radioisotopes or tracer atoms now are being used in studies connected with protection from bacterial and chemical warfare in the same way as they are used in other medical studies. Chalk River also has shouldered much of the responsibility of advising the Defence Department on defensive aspects of atom warfare, including protection from radiation.

These facts were disclosed today in the wake of the first official statement directly linking the project with war work.

The high status the U. S. and U. K. accord the Canadian plant as a defence project stands in paradoxical contrast to Canada's official policy which has always stressed that Chalk River's pursuits are peaceful pursuits, designed to better the lot of man.
The Canadian policy and attitude remains basically unchanged. Directly, Chalk River now is little more connected with war work than it was before Korea.
But from and paradox arise from the fact that the research it does persists in serving two masters simultaneously—peace and war.

The main reason for Chalk River's importance, aside from the talents of the scientists, is that it has a heavy water reactor or nuclear furnace, a big apparatus for experiments, which can do tests other reactors can't do. A bigger and better one is being built.

Huge Turnout

Continued from page one

shouts from feverish "peace fighters." There were more signs of militarism than peace brought in from long distances overnight for the parade and had no sleep.
Once past the reviewing stand, the youths literally dropped out for a rest and a snooze. Since early morning they had had nothing to eat.

Reinforced police patrols sealed off all the streets leading into the Western sector where 300,000 have crossed in the last week.

strikes it rolls off, forms sheets of water rushing downhill into rivers that swell to flood creek.

But while flood damage to houses and bridges is spectacular, even more costly damage is done to the land itself. Ellison says—valuable humus and minerals are churned up into mud and float away, with the heavier parts, like sand, remaining behind.

Ellison acknowledges many soil conservation methods, such as contour farming and terracing, are good as far as they go but he says:

"They are of little value as water savers in heavy rainstorms. About all they do is to prevent water from carving gullies. The valuable, light parts of the soil float away with flood waters that roll on and on."

"The trouble with my theory, from the viewpoint of many conservationists, is that it involves nothing spectacular or dramatic, like the construction of great dams and contours—only a drop of rain and a blade of grass."

Ellison doesn't say that the farming methods he champions would have prevented all of the high water that has occurred in the Missouri and other midwestern river basins this summer.

Need Fewer Dams

He believes dams and contour farming are necessary. But he says the dams wouldn't have to be so large or so numerous if more water was held back on the soil by vegetation.

He estimates that in the Great Plains country it takes from 2,000 to 3,000 pounds of grass on each acre to protect range lands from raindrop damage. A great deal of this land has less than 1,000 pounds of grass per acre today.

His experiments indicate that after land is covered with from 2,000 to 3,000 pounds of grass per acre it has reached almost maximum protection from rain.

Ellison believes the grass cover on pastures could be increased sufficiently if fewer livestock were allowed on them for a season or two, providing moisture conditions meanwhile were good.

On other lands, where crops are raised, Ellison says if more care were taken to keep the ground covered at all times of the year it would make a great difference in water run-off during storms.

If crops can't be kept on land at all times of the year, he says the trash from previous crops, such as stubble from wheat and stalks from corn, should be left on the surface and not plowed under.

Nodular Iron Experiments

OTTAWA.—There's some criticism of the International Nickel Company among Canadian foundry operators on the ground that it's forcing them to pay a stiff \$5 a ton royalty on the use of a new iron casting process which it has not even patented in this country yet.

Not that INC is engaged in anything dishonest. If it can persuade foundry-men to pay for using a process to which it has as yet no legal Canadian title—well, that just proves INC has some sharp business men in its front office.

The process is for producing "nodular iron," which INC researchers discovered three years ago in their laboratories at Bayonne, N. J. Nodular iron, or "ductile cast iron," as INC prefers to call it, is a development of a tremendous importance to the iron and steel industry.

Like other cast irons, it's cheaper and easier to make and cast than steel. But it's much stronger than the old type of cast irons even stronger than a good many low grade steels.

Nodular iron was developed when someone at Bayonne discovered that the addition of tiny quantities of magnesium to cast iron practically turned the iron into steel, so far as its strength was concerned.

What makes ordinary cast iron weak is free graphite, which is scattered through the iron in irregular shapes like corn flakes. A little magnesium makes the graphite collect in perfectly round little balls, and moreover, causes them to take up positions equidistant from one another in the iron.

This strong cast iron has almost infinite uses. INC quickly recognized this, and took out an American patent. Now if anyone in the U. S. wants to make nodular iron, he has to pay INC \$5 a ton on his production.

Some Canadian foundrymen also kick through with the same royalty on the strength of INC's argument that if they don't, then when INC finally gets a Canadian patent, it won't license those foundrymen who refused to pay royalties on their pre-patent production.

There's no reason for the government to interfere. But at the same time, one of the prime purposes of the government's Division of Mines is to improve and reduce the cost of metallurgical techniques. So in conformity with this objective, one of the division's top metallurgical engineers is making an intensive study of nodular iron, trying to find a cheaper way of making it. If he's successful, he will incidentally, crack INC's monopoly.

The engineer is J. Edward Rehder, a 35-year-old casting specialist who grew up with the business in his father's foundry at Bowmanville, Ont. "Nodular Ned," as his colleagues call him, because of his enthusiasm for the new metal, is seeking first to learn why a tiny bit of magnesium makes the graphite in iron collect in little balls.

"If we can do that," he says, "we're half way towards finding a cheap substitute for magnesium."

Rehder is also finding new uses for nodular iron—the latest being for bogey wheels for tanks, universal carriers and half-trucks. And he's showing industry how to use it not only to save scarce steel, but also to cut in half the amount of iron needed for a multitude of castings.

New York Exchange

NEW YORK, Aug. 12.—(AP)—Psychology played a major role in the stock market last week, first in giving prices a major forward push, then in letting them drift quietly to a net loss. And in the midst of all this there was a high degree of selectivity in buying and selling strictly on the basis of earnings and dividend reports and other corporate developments.

The Associated Press average of 60 stocks declined 50 cents and ended the week at \$95.20. That was the first decline after a solid five-week advance. On Monday the average was within 20 cents of the 1951 high which goes back to September, 1930. But it couldn't hold and Friday it was \$1.40 below the peak.

The action of the volume also was on the bullish side. Trading amounted to 7,580,000 shares, with the market losing ground. National Power then led the week's most active issue up 7-8 at 2 3-8 with 249,400 shares changing hands.

Shipping News

AT HALIFAX
Arrived Saturday
Vulcania, from Genoa.
Ocean Monarch, Quebec.

Sailed Saturday
Brush, for Cuba.
Help, high seas.

Arrived Sunday
Soestdijk, from far east.
Galloway Kent, St. John's.

Sailed Sunday
Arctic Sealer, for Montreal.
Fort Townsend, New York.
Nova Scotia, Liverpool.
Vulcania, New York.
Soestdijk, Boston.
Ocean Monarch, Bermuda.

AT SAINT JOHN
No week-end vessel movements at Saint John.

WANTED

RELIABLE EGG-GRADER
Male or Female
To take charge of Grading Station.
Apply in person or by letter to:—

ISLAND CO-OP SERVICES
Super Market Building
Charlottetown

NOTICE

In addition to our Real Estate Brokerage, we now offer a complete Auctioneering Service.

KENNEDY & MUSTARD
Real Estate Brokers
125 Kent St. Phone 1108
Charlottetown, P. E. I.

FOR SALE

Property at Central Bedeque known as Farrow property, consisting of double house, seven rooms on west side and six on east side. One side has electric lights. Two good-sized lots. Can be sold as single units or as one. Apply to:—
MRS. CLARK BAKER,
Wilmot Valley, P.E.I.

NOTICE

My Law Office will be closed from JULY 30th to AUGUST 18th inclusive.
MORLEY M. BELL,
Summerside

WANTED

OFFICE CLERK
with Typing experience.
Apply in own handwriting stating age and qualifications to—
Maritime Central Airways
Charlottetown

TENDER

Tenders will be received up until noon on Monday, August 20, 1951 for the subgrading and gravelling of Trans-Canada Highway, Section Belle River to Pinette, approximately 6 miles. Complete specifications and plans may be obtained at the office of the undersigned, Provincial Building, Charlottetown, Prince Edward Island.

R. G. WHITE,
Deputy Minister,
Public Works and Highways.

FOR SALE
THE TWO-AND-ONE-HALF-STORY DWELLING, FRAME CONSTRUCTION, BUILT IN 1935, FORMERLY OCCUPIED BY CFCY TRANSMITTER.
Only two miles from Charlottetown on the paved road. This property has an acre of land in connection with it and lends itself to tourist cabin or small farming operations, or can be made into two apartments.
Large living-room with fireplace, three bedrooms, kitchen, bath and dining-room on second floor. Another large room with adjacent wash-room with toilet and wash-basin on ground floor.
Basement airy and full size, dry and concrete floor with hot water heating unit for coal and separate oil unit for domestic water heating.
The old CFCY towers will be taken down immediately, but the concrete foundation of same will remain.
For inspection call CFCY or K. S. ROGERS.

OUT OUR WAY
By J. R. Williams
THANKS, MA-- AND WE'LL BE RIGHT HERE ON THIS VERY SPOT WHEN YOU COME AFTER US!
AND I'LL BE RIGHT ON TH' VERY SPOT WHERE IT SAVS! HIGHWAY 66, IF YOU DON'T MIND WALKING A FEW YARDS!
WHY MOTHERS GET GRAY!
There Ought To Be A Law
By Fagaly and Shorten
DEWLAPP FOR HEAVEN'S SAKE! HURRY UP AND SNAP IT! WE CAN'T HOLD THIS POSE FOREVER! I'M STIFF IN EVERY JOINT ALREADY!
TAKE IT EASY! THE SUN JUST WENT UNDER A CLOUD. I WANT THESE PICTURES TO BE EXACTLY RIGHT!
AND SO WHAT? THEY ALWAYS COME OUT EXACTLY THE SAME!
THAT'S RIGHT! WHERE DO YOU TAKE YOUR PICTURES ANYWAY? IN THE COAL BIN?
WHAT! ALL BLANK?
DEVELOP AND ENLARGE A SPECIALTY
POP ALWAYS KEEPS 'EM WORKING OVERTIME ON THOSE FAMILY SNAP SHOTS.
Illustrated by GEO. MADER, OIL CITY, PA.

Napoleon and Uncle Elby



FOR SALE

DRY-CLEANING PLANT
Located on the main street of a prosperous town, the trade-centre of a large area. Yearly volume over \$20,000. Opportunity to increase sales. This is an excellent opportunity to own your own business with a small capital outlay. With or without real estate. Offer suitable lease if necessary. Apply:—
BOX 642, GUARDIAN OFFICE.