

RCAF MIGHTY HERCULES ON DISPLAY



Just off the Lockheed Aircraft production line, is the first of the RCAF Hercules four engine turbo-prop jet heavy transport aircraft. Featuring easy manoeuvrability and rapid loading facilities, the 60 ton giant airlifter can be converted to carry 92 airborne troops or 15 tons of cargo and land them in remote sections of the world, in sandy deserts or arctic ice fields, with a non-stop range of 3400 miles. The first Hercules is expected to be in service with the RCAF later this year.

Cobalt Personals

Mr. and Mrs. Tremaine Banks, Bobby, Jimmy and Lee of Kirkland Lake, spent the week-end with relatives in Cobalt.

Mr. and Mrs. Bill Brosko and family have returned home to Noranda after a holiday in Southern Ontario and a few days camping at Bass Lake. They were accompanied by Richard Damiani who will visit with them.

Mr. and Mrs. Albert Svekers and Krissie have returned home from holidays after visiting friends and relatives at Prescott, Ottawa and Rolphton.

North Cobalt personals

Mr. and Mrs. Clifford Kelly spent a few days with his parents, Mr. and Mrs. Harold Kelly, Val d'Or, and visited at the home of Mr. and Mrs. George McCann, Kirkland Lake.

Mr. and Mrs. Albert Larkin, Jr., Atikokan, are holidaying with relatives in town, Haileybury and New Liskeard.

Mrs. Charles Graham of Oak Ridges spent a couple of days calling on old friends in town.

Mrs. Mark Watters, son Thomas of Oakville, spent a few days at the home of her sister-in-law, Mrs. Albert Larkins, Sr., and Mr. Larkin.

Mr. and Mrs. W. Amey, Kingston, visited on Wednesday at the home of Mrs. Amey's cousin, Burt MacPherson, and Mrs. MacPherson.

Mr. and Mrs. Robert Watson spent the week-end in Sudbury. Congratulations to the L.O.B.A. No. 175 who won the first prize for the best dressed lodge in the parade at the Orange celebration held in North Bay, Saturday, July 9th.

Eight Inches of Rain Causes Area Flooding

Following is the story of the floods that hurt New Liskeard during June, told in a letter to R. W. Thompson by Department of Public Works, District Engineer, Andre Michaud.

Kent-Albert Building, Ottawa, July 12, 1960.

Dear Sir:

In answer to your letter of June 22, 1960, I shall attempt to describe to you the causes of the high water at your city, and the measures that were taken to cope with the situation.

During the month of June, the land around the head-waters of the Ottawa River got an extraordinary amount of rain. In the region of Lake Temiskaming, more than five inches were reported for the month, but severe as this precipitation was, it was yet much less than farther south.

In the area of Quinze Lake, the rainfall was a record. For at Angliers, P.Q., at the foot of this lake, the damkeeper recorded for June a total rainfall of 7.77 inches of rain. One can, if one is told that the average rainfall for the month

has been, for the past forty-eight years, no more than 3.38 inches, appreciate the magnitude of this deluge. Even so, however, the full extent of it is not revealed, because these figures do not show the short length of time during which the rainfall took place, for it was not spread out evenly over the full month, but concentrated at the end, when 7.13 inches of rain fell in the last two weeks of June.

Inevitably, this tremendous rain had its effect upon the Ottawa River drainage system. It increased the inflow not only at Quinze River, but also at the drainage basins below it, including Lake Temiskaming, which, already getting the inflow from the heavy local rains that had been falling since the beginning of the month and continued to fall till the end of it, was soon in a state of flood. By the 19th of the month, the lake was up to its 'full' level of 589.0. By the 25th, at 590.45 it was higher by a foot and one half, and the inflow of water was still on the rise; there seemed no limit to what the level would reach. But in

spite of this, relief was in sight, for already certain steps to relieve the flooding had been taken. This was as high as the water was to go.

For at Temiskaming, P.Q., are two dams that lie across the Ottawa River at the foot of the lake. Owned and operated by the Federal Department of Public Works, these dams are there to regulate and control, as far as possible, the level of the water in the basin above them, for Lake Temiskaming is a storage reservoir that holds water in readiness for use by the various hydro-electric power plants below. But they can be used for needs other than those of the power requirements; they can also be used as flood control dams. Upon realizing the extent of the present flood, engineers of the Department at once began to manipulate them so as to allow some of the surplus water to escape into the channel lower down. This they did by opening sluices in the dams, thus increasing the flow through them. Accordingly, from a discharge of 15,000 cubic feet per second on June 18th, the flow was raised first to 17,000 then to 28,000; it was raised again to 38,000 and higher, till, at the end of the week, when the level of the lake had reached its peak, water was pouring from it at the rate of 68,000 cubic feet per second. This was a tremendous flow for this time of year; nevertheless, before the flood ended it was to go still higher. But it could not be increased any further just then, for now another complication arose, directly attributable to the high discharge of the Temiskaming Dams.

Along the shores of the Ottawa River below Lake Temiskaming are several towns and settlements. (Continued On Page Two)

As the flow through the dams increased the water in the river began to rise, and these people began to complain; they wanted action of some sort to protect their property. Particularly disturbed by the rising waters, the Town of Mattawa, which had just recovered from a severe flood, reacted immediately. The town council informed the Department that in the previous days the river near their town had risen sharply, that two streets were flooded, and several houses were threatened. The council demanded immediate relief.

It was not long, however, till some measure of relief was brought to Mattawa, and this was done by the good offices of the

Butter and Cheese In Good Supply

Figures released by the Ontario Department of Agriculture show a substantial increase in the manufacture of creamery butter and Cheddar cheese in the district of Temiskaming, over last year's output.

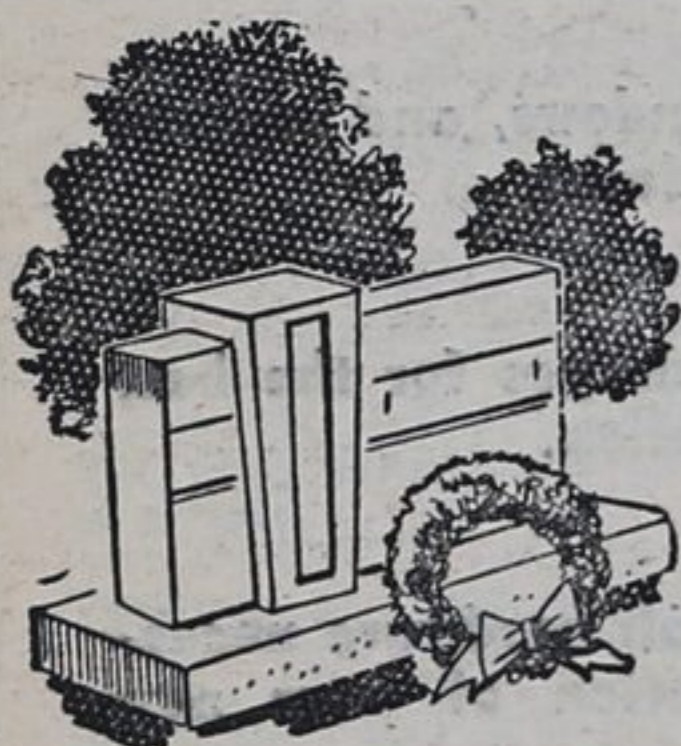
During the five months ending May 31, 1960, the district produced 373,510 pounds of butter, an increase of 69,188 pounds over last year's production during the same period. In May 1960, the output was 159,969 pounds, an increase of 44,090 pounds over 1959.

Cheddar cheese manufactured during the first five months of the year totaled 99,946 pounds, over twice as much as in the same period in 1959, when the total was 49,748. Figures for the month of May are 18,392 pounds in 1959 and 19,893 for 1960.

other agency, which besides the Department of Public Works, can exercise some control over the flow of the Ottawa River. The Ontario Hydro-Electric Commission, owning power plants all along the stream, can, to some extent, regulate its level, and, seeing the danger of the high water, officials of that agency at once caused the level of the forebay at Des Joachims to be lowered, an action that soon allowed the river at Mattawa to drop in level, putting the town out of danger. On learning of this favourable turn of events, the Public Works engineers again directed their attention to the Temiskaming Dams, for now they could again increase the discharge through them. This they at once proceeded to do, with the result that on Monday, June 27th, the flow was up to 73,000, and continuing to open sluices, they caused it to rise still higher till, on the last day of the month, the flow from Lake Temiskaming had reached a peak of 80,000 cubic feet per second. Responding to this manipulation of the dams, the water in Lake Temiskaming had been slowly falling for the past several days, and, continuing to fall, it returned, on July 4th, to its normal 'full' level of 589.0.

I think we can now be reasonably confident that there will be no recurrence of this high water this year.

Yours very truly,  
Andre Michaud,  
District Engineer.



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