

Cold War Least Cold In Forecasting Arctic Weather

By Dave McIntosh
Canadian Press Staff Writer
OTTAWA (CP)—The Russians are helping indirectly in forecasting the construction of the DEW (Distant Early Warning) line in Canada's Arctic.

Officials said Friday weather data supplied by the Russians, including information from Soviet ice islands in the central Arctic basin and other northern stations, is put to good use in forecasting weather in the Canadian North.

Accurate forecasts of weather are important in DEW line construction because so far nearly all men and material for the radar system have been airlifted into the north. Bad forecasts could result in loss of aircraft planes.

The DEW line is designed to warn of any air attack on North America.

Officials said Canada receives up to 1,000 weather reports from Russia every 24 hours. In return,

Canada broadcasts about 800 a day for Russia and every other country—200 every six hours.

One official said the cold war is at its least tense when it comes to Arctic or any other kind of weather.

"The need for the other guy's information is so compelling that co-operation is a must," he said. "International co-operation in meteorology has survived almost everything except war in the last 100 years."

Most of the weather data collected by all countries is channelled around the world by a meteorology teletype system. Some is picked up by radio. In Canada, Arctic weather information goes to the Arctic forecast team at Edmonton.

Some of the most important weather data received from Russia comes from the two Soviet floating ice islands. The giant ice cubes are used as mobile research

stations to gather information on weather, ocean currents, ice drift and solar radiation.

American scientists are also riding an ice island in the Arctic ocean. A Canadian scientist was along when the Americans recaptured the island, known as T-3, last spring but no one was available.

Officials said Russian Arctic research is aimed primarily at establishment of a northern shipping route as a lifeline for many northern Russian communities.

Revisits United Kingdom On Nuffield Scholarship

(Excerpts from letters received from Flying Officer Archie J. Johnston, of Burlington, P. E. I., now travelling in the United Kingdom on a Nuffield agricultural scholarship; continued from a previous issue.)

COATBRIDGE, Scotland—Andrew Hamilton, who had never been in a mine before and George Gilmore, who had once, came along with Fred and me. As it was quite some distance to the mine and as we were to have a cup of tea with the Doctor before descending, we left before eight in the morning. On the way down they pointed out curiously shaped Lauder Hill to Fred and me, which was famous during the suppression of the Coventors. We also passed the home of the Duke of Hamilton, killed during the War and the man for whom Hess was supposed to have been looking when he dropped down about twenty miles away. A farmer near Eaglesham, David MacLean of Floors Farm, is supposed to have captured him with a fork according to the story circulated in the papers, but locally here it is thought unlikely that he had a fork.

I heard a story in Glasgow last night that sounds as if it might be true though. An American hearing about MacLean and the fork went to MacLean and wanted to see the fork. Mr. MacLean had little idea of which fork or if indeed there was any but just to oblige went to the barn and brought out a fork with which the American tourist quite happily sailed back home. I remember P/O Stevenson telling that his father was with the group of Home Guard that went out from Glasgow to pick up the self styled peace emissary, Rudolph Hess.

Mine conditions are very good and every precaution is taken for the safety of the miners. Foremen carry safety lanterns which burn up and warn of the presence of an undue amount of gas; dust samples of the air are taken and examined in the laboratories and the mines are constantly being inspected.

Another thing has been the setting up of the health centres and the maintenance of a nursing sister, who is in constant attendance. A doctor is also in attendance daily, but must move from mine to mine as they usually have several to look in on. Whatever may be said against nationalization, working conditions and safety precautions have improved immensely during the last few years. This is partially due to nationalization, partially the Unions and partially because improvements were on their way anyway.

From the main passage we branched off on a lower and narrower passage along which moved an endless conveyor belt, carrying the coal to the main passage and thus to the pit head. A quarter of a mile further on we turned off into still another passage, even lower and smaller than the one previous until we were obliged to bend our backs continually and keep our heads down. This is where the pit props are used in abundance.

Sixty feet above them there is another coal face, which is eight feet in depth, allowing the miners to stand upright at their work.

We asked these men if they wouldn't rather work in an upright position but they thought not as they were accustomed to a crouched or prone position that the eight foot seam would be too high. The miners work in eight hour shifts. It is the duty of the first shift to cut out the coal and the second to get the coal out, while the third shifts the machinery and looks to the pit props. This works out very well as all the pits are not trying to send coal to the head of the mine at any one time but are thus staggered, which relieves the congestion at the lift, etc.

There is one pit which we entered by a set of stone stairs; humorously as the Golden Stairs; rather an euphemistic term, as they are anything else but gold. Altogether the total production of the mine daily runs up to thirty thousand tons, a very large amount of coal.

When they come out of the mines there are a thousand showers for the men to clean up and change before going home. This recent innovation must have been even more eagerly welcomed by the housewife than the miner himself. They really look like different men after the shower when you see them come into the canteen for a lunch or meal before leaving the area after work. We found that a very good and in fact generous meal, is available to the miners for the small figure of 22c and yet there is some complaint, but on the whole we found them very pleasant and well pleased with wages and conditions.

It was nearly five p.m. when we returned to Dechmont and Mrs. Hamilton, who had been expecting us from one o'clock on, appeared quite relieved. Friday the 13, had been quite lucky after all.

(To be continued)

Dr. Dobson was waiting for arrival at the mine and had everything in order. The nursing sister had a pot of tea on and some biscuits ready which we would term cookies. Having had a chat over the tea and biscuits, in the course of which somebody remembered it to be Friday, the 13th. Not a good omen, never theless we donned our helmets and fastened the seven-pound battery which powers the head lamps to our belt and we were ready to descend. The mine manager shook hands with us and over twenty thousand feet above the surface of Scotland and in a few breath-taking seconds found myself over seven hundred feet below the surface. I'd like to ride up and down the lift a few more times for the thrill of it; very much like evasive action in a heavy bomber, but slower and without the same effect from G.

The Mine Training Officer was our guide beneath the surface and pointed out where the peat muck and sludge had filled various sectors of the mine five years ago, trapping 116 men below ground, while 100 others were lost, two of which died of anoxia, eleven were caught in the flow of surface muck. The remainder were marooned on a Thursday to the Saturday following, or three days, during which time they had used up almost all the oxygen in the unroofed part and were also suffering from the effects of anoxia; another eight hours and they would have succumbed too. One telephone continued to work and they were in constant contact until the rescuers could break through to them from another mine not far away. It was a desperate fight against time, but the battle was finally won.

Presently we came upon the coal face, where two men were working a three foot seam on their knees, by means of a large, low mechanical coal cutter. In order to see them at close hand and get an idea of how it works, conditions, etc., we were obliged to crawl the rest of the way on hands and knees; no place for a person suffering from claustrophobia. They stopped the machine and allowed us to talk to the operators. One chap was the operator, the other kept the coal cleaned away from behind it as it moved.

We asked how conditions compared here with most pits and were told very good. The ceiling was a bit damp for which they were paid an extra shilling. Had it been the floor they would have received an extra shilling for that instead and if both were wet or damp in these narrow quarters an extra one and six. The machine itself is operated electrically and pulls itself along the coal face by winding a steel cable on a drum fixed to it, all the time, a saw-like chain, well in the coal face is steadily eating and bringing out the coal. Next week they hope to have a new machine installed, which will not only cut out the coal, but will clean the coal away from behind as well by means of a huge auger.

It is a very fascinating but dirty occupation and not one that everybody enjoys; in addition there is always the element of danger, which doesn't seem to worry them unduly. The operator of the coal cutter was at one time a demonstrator of mine machinery for a manufacturer but gave it up to come to the mines when his wife got sick.

CRUNCHING ADVISED

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Virus Hits Western Horses

EDMONTON, (CP)—About 20 race horses stabled at the Edmonton Exhibition grounds have fallen victims to an unidentified virus disease believed to have come from Calgary.

Officials said Friday the disease now seems to be disappearing.

About 50 horses have been treated by veterinarians in Calgary after the disease broke out during the Calgary Stampede.

Dr. A. J. Malmes, city veterinarian, said the infection is similar to the common cold in humans, and nothing can be done about it.

City and Central

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CRASWELL for Better Photo-graphs.

DR. J. P. MILLAR'S dental office will be closed Aug. 1st to 15.

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CENTENNIAL Historic Pageant Monday and Tuesday, August 8th and 9th at 8.30.

BUY FRESH EGGS at Kennedy's Poultry Farm, Beach Grove Inn Road.

BALANCE OF Spring Coats going at one third off. Kennedy's Ladies' Wear.

ALL COTTON DRESSES going at one third off. Kennedy's Ladies' Wear.

Religion and Life

By Very Rev. George C. Pidgeon, D.D., LL.D.
First Moderator of the United Church of Canada
(Copyright)

HE REVIVED SPIRIT OF ISRAEL

Here are two pictures from ancient times.

First, a city in ruins, its walls broken down, its institutions destroyed, and its people scattered. Those who have returned to this site of former glory are in poverty, surrounded by enemies and living in fear, divided and discouraged among themselves, and with no hope of reconstruction because "the powers that be" are against it.

Second, about ten years later, the walls of the city rebuilt, its people united, disciplined, confident and prosperous, its institutions restored, its enemies defeated and divided, and its faith and hope as bright as the promises of God.

What made the difference? A leader.

We turn to the Bible for an example. Nehemiah's Memoirs give us a fascinating story of human possibility. He is really the builder of a nation. He has no title. We know nothing of his parentage.

From the beginning of the story we see him "on his own," a volunteer in what was to him the greatest of all causes. His career was just the working out of a vision that came to him in his secret communion with God. Yet he changed the course of history.

The reviving of the spirit of Israel that he brought about made possible the constancy of the Maccabean martyrs and the splendour of the Maccabean victories with all that these have meant for the progress of mankind.

Nehemiah first appears to us as a young man with a personal charm that wins. Behind this attractiveness is a strength and reliability that inspires confidence. He has won the favour of the mightiest potentate of his time and has become his personal attendant.

Cleared Of Fraud Charge On Becoming U.S. Citizen

SAN FRANCISCO (AP)—Union leader Harry Bridges was cleared Friday of a government charge that when he obtained United States citizenship in 1945 he committed fraud by swearing he wasn't a Communist.

Judge Goodwin was critical of some witnesses. He said Bridges, himself, "was not a good witness."

"He made misstatements and was at times evasive... his denial of party membership and avowal of loyalty to the United States were, however, articulate and emphatic."

CLAMP-LIKE

The jaws of a wasp bite inward from the sides.

BRIDGES, who is head of the International Longshoremen and Warehousemen union, celebrated his 54th birthday Thursday. He was elected by the verdict, but he knows that the government can—and probably will—appeal.

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Borden

Mr. and Mrs. Isaac Perry, Waltham, Mass., were visitors to Borden last week, guests of Mr. and Mrs. Arthur Sexton.

Mr. and Mrs. Eric Ramsey of Montreal spent the week-end in Borden, guests of Mr. and Mrs. Jos. MacDonald.

Mr. Reagh Meek of French River and Mr. John Fletcher of Summerside were visitors to Borden on July 24, guests of Mr. and Mrs. George Sharpe.

Miss Verna Snow has returned to her home in Charlottetown after spending a week with Mr. and Mrs. Emery Richard at Borden.

Mr. and Mrs. Maurice Lodge and Mrs. Winifred Lodge of Borden were visitors to Charlottetown on July 25.

Master Tommy Butler of Charlottetown is visiting relatives in Borden.

Gerard and Roger Sexton of Borden are visiting in Moncton with Mr. and Mrs. Henry Legere.

Miss Eleanor MacIsaac who attended a meeting at the Queen Hotel, Charlottetown, July 25, returned to Borden on Tuesday.

The Sacrament of Baptism was observed in Borden United Church on Sunday morning, July 24, when Rev. G. A. Cowper-Smith baptized Bethany Jane Gordon, daughter of Mr. and Mrs. Heath Gordon and Heather Marie Pike and Reynolds Douglas Pike, children of Capt and Mrs. Ernest Pike.

Mr. and Mrs. Wilfred Gallant were spending their annual holidays with relatives at Hamilton, Ont.

Mr. and Mrs. Vern Howatt and children and Mr. Gordon Trowsdale of Toronto are spending their holidays with Mr. and Mrs. William Trowsdale at Borden.

On July 7 Mrs. Douglas MacLean, Borden, entertained at three tables of auction in honor of Mrs. Richard Davies who has left to reside in Yarmouth, N. S. First prize was won by Mrs. E. Goddin with consolation prize going to Mrs. Davies. A delicious lunch was served by the hostess assisted by Mrs. David MacLeod and Mrs. Reg Collier. Following lunch the guest of honor was presented with a beautiful electric kettle.

Mrs. Davies who was the president of Borden Women's Institute, was waited on by the members previous to her departure, and presented with a rhinestone necklace with earrings to match. Mrs. Davies and family left for Yarmouth on July 15.

Personals

Miss Theresa Trainor, R. N., arrived from Halifax yesterday to spend a month's holidays with her mother, Mrs. Catherine Trainor, Valley Street, City.

Mrs. A. E. Piercy and daughter Helen have returned to Milton from visiting Mrs. Piercy's parents at Port Bickerton, N. S.

Mrs. Alice Allen and daughter Barbara of Yarmouth, N. S., are spending six weeks with Mrs. Allen's sister and brother-in-law, Mrs. Ernest Georveatt and Mr. Georveatt and their family, of Willow Street, Spring Park.

LeRoy H. Wood left on returning to his home in Toronto after spending some time with his grandparents, Mr. and Mrs. Roy MacLean, Orchard View Cabins. He leaves for Niagara in August to attend the Jamboree as a Queen's Scout.

Flt. Sgt. Harold Wood, accompanied by his wife and four children, LeRoy, Donald, Deborah and Nancy, left on return to Toronto Monday morning after spending three weeks vacation at Mrs. Wood's home, Orchard View Cabins, Malpeque Rd., Charlottetown.

Mr. and Mrs. Arthur King of Lowell, Mass., were visiting with several of their friends on the island last week. Mr. King returned home on Tuesday, and Mrs. King has remained here visiting several districts where she has friends, including Souris, Rocky Point, Fairview and Charlottetown.

The many friends of little David MacKinnon, son of Mr. and Mrs. Eric MacKinnon of Central Royal, will be pleased to learn that he is now recovering after his recent operation for appendicitis in the P. E. I. Hospital.

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WILL TOUR CANADA, U. S.

NEW YORK (CP)—R. S. Garfield, Todd, prime minister of Southern Rhodesia, arrives Tuesday by air from Johannesburg to begin a month's tour of Canada and the United States. Todd will stay privately from Aug. 16-21 in Toronto, where he will attend the World Convention of the Churches of Christ meeting. He will be a guest of the government in Ottawa, Aug. 22 and will visit the atomic energy project at Chalk River, Ont., Aug. 24, before returning to Toronto.

Court Upholds Right To Be Silent

TALLAHASSEE, Fla. (AP)—The Florida Supreme Court ruled Friday that Leo Sheiner, Miami lawyer, should not have been disbarred for refusing to state whether he ever had been a Communist.

"Invoking the fifth amendment (to protect against possible self-incrimination) may or may not imply good character, neither does it imply guilt," Justice Glenn Terrell wrote.

"There may be circumstances under which claiming the privilege against self-incrimination would be cause for discipline or even disbarment but they should be demonstrated by adequate proof."

"To do less would amount to the application of totalitarian methods to the enforcement of democratic precepts."

The ruling reversed a disbarment order by Judge Vincent C. Giblin who said Sheiner "proved himself unfit for association with the honorable members of the legal profession."

SOVIET COMPOSER DEAD

LONDON (Reuters)—Isaak Dunayevsky, 55, one of the first Soviet composers to use jazz rhythms in his work, died Monday, the Soviet news agency Tass reported. He composed "Song of the Motherland" whose first bars became Moscow radio's signature tune. He was president of the Union of Soviet Composers.

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