

## Terry Fox dream fulfilled

Terry Fox's hope of raising \$24 million for cancer research — \$1 for every Canadian — has been fulfilled.

The Marathon of Hope campaign started by Terry Fox has raised \$24.7 million and the latest figures given by Statistics Canada's list Canada's population at 24.1 million.

Fox, who had lost his right leg to cancer, died last June after winning the hearts of Canadians by running 5,342 kilometres the year before. He had to abandon his cross-country marathon at Thunder Bay, Ontario when cancer developed in his lungs.

Dr. Peter Schofield of the National Cancer Institute told a recent Cancer Society meeting that the Terry Fox Run by volunteers last fall brought in \$3.1 million by January 8 of this year.

The run is to be an annual event held in his memory.

## First Canadian heat pump goes on sale

The first Canadian built heat pump was produced this month by York, a division of Borg-Warner Canada Limited, in St. Jerome, Quebec, north of Montreal.

The heat-pump units are a form of reversible air-conditioner which extracts energy from the air and uses it for heating.

York officials say their heat pumps can reduce average home heating costs by up to a third. By either installing a complete pump system or an addition to an existing system, fuel-oil consumption which averages 1,000 gallons a winter for most homes in Ottawa, can be cut to 200 gallons a season.

## Air conditioners in summer

The pumps, which double as air-conditioners in the summer, come on automatically when the temperature hits freezing.

The reason for the popularity of the pumps is their heating and cooling efficiency, York officials said.

With a normal electric heater you get as many units of energy out of it as you put into it. That ratio lessens when you heat with oil or gas which produce only two units of heating energy for every four units used to operate them.

Heat pumps, however, produce eight units of energy for every four put into them — in effect giving you more than 100 per cent back from the unit.

York plans to build 8,000 heat pumps a year and is currently expanding its two production facilities in St. Jerome to meet this objective. The expansion and modernization program is being carried out with the help of federal economic expansion grants.

Until last year only the more serious energy savers could afford to harness Canada's frigid winter air to cut down on their heating bills, but the federal government's growing interest in energy self-sufficiency, backed by off-oil subsidies, has turned the heat-pump business into a sellers' market.

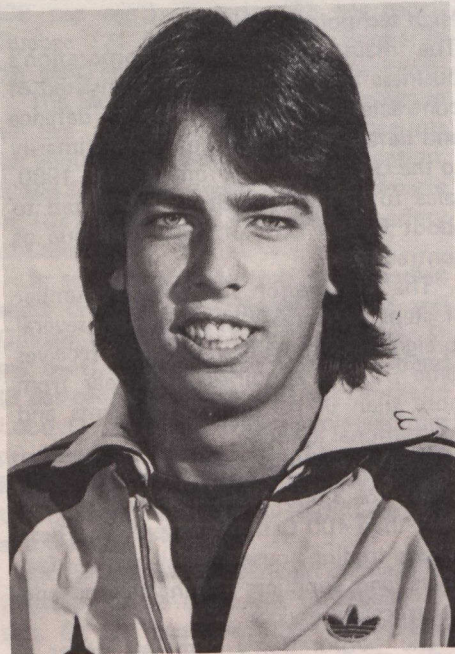
## Ski jumper injured in fall

Canadian ski jumper Horst Bulau is expected to be able to complete World Cup competition despite a fractured collarbone sustained in a fall during a competition in St. Moritz, Switzerland.

Before the Swiss meet, Bulau, 19, had captured both the 70- and 90-metre events at the Molson's World Cup Event held in Thunder Bay, Ontario. The wins combined with earlier first and second places finishes respectively on the 90- and 70-metre hills in Sapporo, Japan had Bulau leading in the World Cup standings.

The ski jumper from Ottawa fell head-first after he had landed a record jump of 96.5 metres on the 75-metre Olympic hill in St. Moritz. The jump would have surpassed the previous mark by 1.5 metres.

The record jump, which did not count



Horst Bulau

because of the fall, was Bulau's second leap of the day. In his first jump he covered 94 metres, six more than World Cup defender Armin Kogler who ended up winning the competition. Kogler has moved into the lead in the World Cup standings with 101 points. For his jumps, Bulau was awarded two points, raising his season's total to 97.

## Canadian makes three-month canoe trip along Danube

Kevin Darroch, a 29-year-old man from Brockville, Ontario became the first person to canoe the length of the Danube last August.

Darroch began his trip on May 18, 1981 in Regensburg, Bavaria and completed the excursion in three months. He used a medium-priced Canadian fiberglass canoe.

Darroch first became interested in canoeing the 2,800-kilometre river in 1976 while on a visit to Germany. This was the first major canoe excursion for Darroch and cost him \$9,000.

## Storm at Linz

Darroch encountered few problems on the trip and the canoe never tipped over. One one occasion however, on the tenth day as he paddled out of Linz, Austria, he did have a very difficult experience. The skies had been only slightly overcast when he had launched the canoe earlier in the day, but the winds picked up reaching gale force and so did the waves. The huge ships in the harbour made it very difficult to get out.

After a frantic two-hour effort he arrived at a lock ten miles up the river where he was able to pull his light craft from the water.

## Passed through eight countries

The major problem Darroch had in travelling the Danube was not in negotiating tricky currents or dodging ocean liners. It was getting permission to try canoeing the length, as the river runs through eight European countries — West Germany, Austria, Czechoslovakia, Hungary, Yugoslavia, Bulgaria, Romania and the Soviet Union. It took four years before Darroch could begin his journey.

Darroch said he was well received by the countries he visited and used the various ceremonies thrown for him to promote the trip's objectives — world peace, friendship and to draw attention to the International Year of Disabled Persons.