

UNUSUAL GARDEN GROWTH

A 32-foot cabin cruiser nears completion in garden at Ferdale, South Africa, near Johannesburg, where it is being constructed. Much of the work on the 30-ton luxury, ocean-going boat has been done by two polio victims. The vessel has taken six years to build. (AP Wirephoto)

late in second condition: it would take nature years to produce and for man to observe. The computer can tell in minutes of tree data fed it, the number of trees per acre, the breast height and other vital information on potential timber stands at five or 10-year intervals for 100 years. This cruising data program is the first of its kind in Canada.

Professor Smith sees no end to it. "As you check one thing between mathematical simulation and natural development, new avenues open up," he says.

Computers also are being employed in forestry research and training at the University of Toronto and the University of New Brunswick and some at Laval University in Quebec. But they are concerned mainly with single branches of the industry, such as planting methods and "financial rotation"—the ultimate economic return that can be obtained from a given forest in a given time under sustained yield.

UBC, says Professor Smith, doesn't have the fastest computer in use. But the spectrum of its research is much broader.

WORKS ON GRANT

The UBC research program is operating on a \$4,500 grant from the federal department of forestry. And it makes its findings available to the forest industry through reports and by such means as a recent seminar held at UBC on data processing and attended by representatives from the big timber-lumber companies.

Industry may not be able to use the computer-age information for a while though, until men trained in its acquisition and use are available. But as Professor Smith sees

it, computer-age forestry is coming along apace with such modern mechanical marvels as the Veliot Harvester which he says now is in use in Ontario and Quebec forests.

The Veliot made by a Wisconsin-based company but the product mainly of Canadian know-how and development. A machine which, at the button-command of one man sitting in a cab, can cut and trim trees up to 20 or more inches at the butt—50 to 100 feet high—and pile them for hauling in a matter of minutes.

As the logger gives way to the machine in the forests, says Professor Smith, the science of forest management to produce healthier and more valuable trees must keep pace.

That's where his computer comes in.

Nfld. Planning Highway Corps

ST. JOHN'S, Nfld. (CP)—Newfoundland Finance Minister Rowe said Wednesday the province will have an emergency highway corps in operation by next spring to render assistance to distressed motorists.

He said requisitions have been made for 14 station wagons equipped to make minor repairs to stranded vehicles and to fight small fires.

Fees will be charged in accordance with the aid given, Mr. Rowe said. The service will be operated by the committee in charge by Newfoundland's 1966 "come-home" year.

The finance minister is committee chairman.

The Montreal 1967 World's Fair will have a \$2,500,000 theme site, seating 2,000 people, for light and popular entertainment.

Doctor Charged With 'Hooking' Wealthy Woman

LOS ANGELES (AP)—A Hollywood physician is under indictment on charges that he "hooked" a wealthy woman screenwriter on Narcotics.

Sally Benson, author of many film plays and the novel Junior Miss, was a witness in the California state bureau of narcotics enforcement case against Dr. Paul Edmund Ezra.

Dr. Ezra, 32, was indicted Tuesday by a county Grand Jury on 38 counts of narcotics violations.

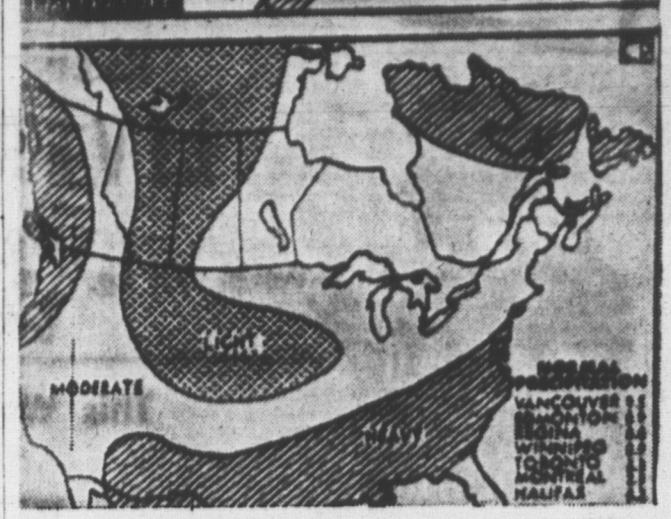
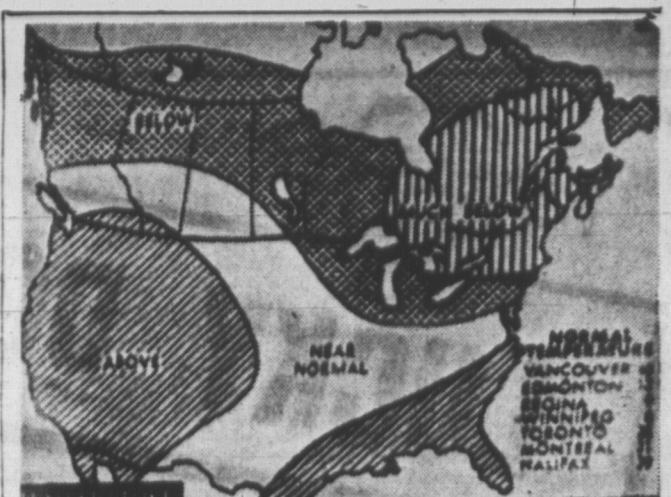
Miss Benson, 66, was reported to have told investigators she paid him \$30,000 in 18 months for a "magic medicine," which allegedly was codeine and Demerol.

Dr. Ezra was reported to have visited her home an average of two to three times a day—and as often as five times a day—at a charge of \$40 a visit. The physician, who was committed to Camarillo state hospital two weeks ago as an alleged mental patient, was reported to have told investigators he made up to \$3,700 a month from Mrs. Benson.

RULE BY DECREE

LEOPOLDVILLE (Reuters)—Congolese President Gen. Joseph Mobutu, who took over power in a bloodless coup last week, tightened his grip further Wednesday by assuming the power to rule by decree.

A declaration said the president would make laws on his own initiative and the national security police, normally attached to the interior ministry, now will be directly responsible to the president's office.



WHITE CHRISTMAS?

The 30-day outlook of the United States weather bureau indicates the possibility of a white Christmas for most parts of Canada. Most areas will have below or much-below normal temperatures combined with moderate or heavy precipitation. Southern parts of B.C., Alberta and Saskatchewan will have near normal temperatures. The outlook is not a specific forecast and changes may occur.

B.C. Computer Is Designed To Measure Forest Growth

VANCOUVER (CP)—Professor Harry G. Smith is a master forester who can tell you in a matter of minutes what is liable to happen to a forest in 100 or more years of natural growth under varying conditions. He does it with a computer at the University of British Columbia. The object of his program is two-fold: to provide Canada's multi-million dollar industry with answers to forestry husbandry questions it previously took years of observation to come up with; and to bring the computer-age into the forestry training field to produce better foresters and better forest management.

Professor Smith is 40, a native of Kamloops, B.C. He graduated from UBC's department of forestry in 1940, joined the faculty the following year then went to Yale to take his doctorate in forestry. He has great faith in the new program, saying "The computer can tell you almost anything you ask."

class of some 30 third-year forestry students get the basic questions through yield tables and studies of the effects of tree spacing, storms, floods and disease on naturally grown Douglas fir and other species in B.C., Washington State and on UBC's 10,000-acre research forest north of Haney in B.C.'s Fraser Valley.

ANSWERS IN SECONDS Then he simulates these conditions in the form of information fed into the computer, perhaps adding assumptions as well. From these mathematical models the computer will simulate the computer-age information for a while though, until men trained in its acquisition and use are available.

But as Professor Smith sees

HIS AND HERS GIFT ITEMS



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