

# Scientific Theory Advanced To Explain Start and End of Ice Age

By DELOS SMITH  
 United Press Science Editor  
 New York — (U.P.) — A cooling news for hot weather reading is that two scientists have proposed a theory which explains how ice ages get started and how ice ages end.

If true, this theory means that we will have an ice age again although no time soon—unless the earth shifts a bit on its axis which would move the North and South Poles from where they are now.

Dr. Maurice Ewing, director of the Lamont Geological Laboratory of Columbia University, and his research associate, Dr. William L. Donn, proposed to the American Association for the Advancement of Science, the following:

As the Arctic sheet melts and

recedes (which it is doing now) the Arctic Ocean becomes more liquid and exchanges more cold water with the Atlantic Ocean for warm water. Eventually the Arctic Ocean becomes warm enough to be entirely free of ice. This means there is much more moisture in the Arctic atmosphere.

### Air Circulation Changes

So there is much more rain over Arctic and sub-Arctic lands and there are changes in the circulation of the atmosphere. With more rain and snow, new glaciers—a new ice sheet—begin forming.

Meanwhile, the freer and freer exchange of Arctic and Atlantic waters is lowering the level of both oceans. As the levels get lower, the interchange becomes less. So the Arctic waters start

getting colder and this process is stepped up by the coldness of the new glaciers.

Finally things are cold enough to quick freeze the Arctic Ocean, and that marks the height of the ice age. Then there is much less snow, since the ocean water is iced over, and the ice sheet begins receding—and we're back to where we came in.

What they're proposing is, in their words: "Temperature changes in the surface waters of the Arctic and Atlantic Oceans are thus the causes of, rather than the consequence of, the waxing and waning of continental glaciers."

The earth now is in an interglacial period which, it is figured, set in about 11,000 years ago. How much longer it will continue is a scientific guessing game which is played in tens of thousands of years.

### Poles Shifted To Land

But to complete the Ewing-Donn theory, it used to be that the North and South Poles were in freely circulating water—the North Pacific for the former, the South Atlantic for the latter. As the result of this arrangement, there were no ice sheets—no glaciers and the earth's climate was moderate everywhere.

Then came a vast upheaval. Up shot the great masses which are the Alps and other great mountain chains. The earth shifted on its axis and the poles veered to land masses where cold could be insulated and built up, and that triggered the beginning of the very first ice age.

When you start thinking of how long ago that happened, you must think about 1,000,000 years or more.

Three of every four automobiles on the earth are in the United States.



RICHARD P. KNIGHTS Assumes Command

## Lt. Knights Assumes Reserve Command

Lt. Richard P. Knights, USNR, assumed command of Naval reserve electronics division 13-5, Medford, on June 1, 1956. He succeeds Lt. Commander John Simmons, who recently moved to California.

Lt. Knights has served 18 years, including eight years active duty. During this time he served aboard several naval ships, including the USS Oklahoma, on which he was serving during the Pearl Harbor attack.

His Naval reserve service includes affiliation with volunteer composite unit 13-24 of Corvallis and organized surface division 13-19 of Spokane.

Prior to his assignment as commanding officer of the local reserve unit he served for three years as executive officer.

Lt. Knights, who is a customer engineer for International Business Machines corporation, lives at 822 South Oakdale ave.

Two of Minnesota's three largest cities—Minneapolis and Duluth—are celebrating their centennials in 1956.

## Back Stairs: Ike's Illness Top Story

By RICHARD E. MOONEY  
 United Press Correspondent  
 Washington — (U.P.) — Back stairs at Walter Reed Army Medical Center: President Eisenhower's illness is the top story in the hospital's weekly newspaper "Service Stripe." A two-column headline says: President Recovering "Most Satisfactory."

There's a picture of Mr. Eisenhower and beside it a four-paragraph item on the big operation. It talks mostly about the doctors and their assistants, commenting that "he progress the President is making attests to the outstanding team of surgeons and the many officers and enlisted men behind the scenes."

During the first week of the President's illness, White House Press Secretary James C. Hagerty held 38 news conferences. That averages about one conference every 4 1/2 hours. The President's news secretary believes this beats the rate of news conferences during the first week after Mr. Eisenhower's heart attack in Denver last fall.

If it isn't one operation it's another. The Army nurse who would normally be in charge just outside the President's door is Capt. J. M. Ognibene of Batavia, N. Y. She was on duty during Mr. Eisenhower's heart checkup in December and his head-to-toe physical in May, but now she is home recuperating from an operation of her own.

On a make-shift bulletin board

outside the hospital press room is this memo from the enterprising operator of Phil's Italian restaurant:

"To the gentlemen of the press, radio and TV—remember what Horace said 'Edere et bibere est sandere.' Free translation: To eat and drink is to relax. You are invited to do this during your long vigils at the hospital. I am located just across the street."

## Business Retailers Expect Higher Sales

New York — (U.P.) — Predictions of a summer slump in business have fallen on deaf ears among retailers who are stocking up to equal or beat last year's record sales, according to the American Newspaper Publishers Association.

The association said that 72 per cent of the retailers it surveyed expect increases over their 1955 summer sales volume, while 21 per cent estimate volume will hold to the pace set last year.

## ELEVATOR 'FALLS' UP

Newark, N.Y.—(U.P.)—An elevator, in apparent defiance of the law of gravity, Monday "fell" up. Herbert O. Metzger, manager of the Broad and Market building, said the operator had just stepped off the elevator when the empty lift shot up five feet from the 16th floor. He said fluid in a hydraulic system caused the elevator behave oddly.

Tokyo, Japan — (U.P.) — A 21-year-old laborer blew himself to bits with dynamite Saturday beside the statue of a nude woman in what police said today was a "death pact" with the statue. The statue was not damaged.

**Dr. Robert E. Lee**  
 OPTOMETRIST  
 — NEW —  
**D'Anjou Building**  
 328 South Central  
 DIAL 3-5923  
 Free Parking Area

## SUMMER SCHOOL For

• Teenagers • High School Students  
 • College Students and • Adults  
 Special 8 Weeks Typing Class — 8:00 to 11:00 a.m.  
 SECRETARIAL & ACCOUNTING COURSES 9 to 4

Specialized Training in:  
 Shorthand  
 Typewriting  
 Business Machines  
 Comptometer  
 Dictaphone  
 Accounting  
 Business Math  
 Business English  
 Filing and Indexing  
 Mimeographing

**Robertson School of Business**  
 40-42 N. Riverside Phone 3-4264 Medford, Oregon  
 AIR CONDITIONED

## Quotes From the News

By UNITED PRESS

Washington—State department spokesman Lincoln White, on the bombing in Nicosia, Cyprus, which killed a U.S. vice consul and injured three other Americans:  
 "It only adds to the already considerable cost in human life which has been exacted by violence."

Moscow—Marshal Tito of Yugoslavia, in Russia on a "good-will" tour, on whether there will be any difference in Yugoslavia's relations with the West:  
 "No change."

Hollywood—Comedian Jerry Lewis, commenting on the decision he and his partner, Dean Martin, have made to split up:  
 "It's now finished for keeps."

London—Former President Truman, on his decision to drop atomic bombs on Hiroshima and Nagasaki, Japan:  
 "If I had to do it over again, I'd do it again."

Cairo—Soviet Foreign Minister D. T. Shepilov, describing the kind of "friend" Russia is to the Arab nations:  
 "Unselfish, faithful, and reliable."

# MEDFORD PENNEY'S

ALWAYS FIRST QUALITY!



## Just Arrived!

### Over 300 New DRESSES

in the Latest Summer Styling

Pictured Are Just a Few of the Many, Many Styles to Choose From. Come in Tomorrow and See This Beautiful Selection!



**BRENTWOOD**  
 STUNNER! POLISHED  
 BRIGHT EVERGLAZE®  
 COTTON!  
 Pointed to spring—a sleeveless cool Brentwood with pixie air... pointing up your neck in the merriest way... a brilliant Penney buy in bright shades of shiny apples and leaves... with a whirly skirt smitten with stripes... So crisp cool... light as a whiff to wear... in Everglaze® cotton that shuns wrinkles... tubs beautifully... needs little or no ironing!  
 9 to 15  
 12 to 20  
**2.79**

The curve's the line... in Penney's barred-to-sun Brentwood flared! A long-stemmed beauty flashed with frost that winds its way from hem to shoulder. Pretty please pastels in Revalaise cotton that stays crisp, fresh, rumple-free! Sizes 14 to 20, 14½ to 24½.  
**2.79**

Penney's white-capped cotton! A cool-as-mint Brentwood frock deeply frosted with Schiffl trim... in polished perfection 80 square percale that bounces out wrinkles... needs little or no ironing. In sizes 12 to 20, 14½ to 24½.  
**2.79**

## Hotpoint Hotpoint Hotpoint Hotpoint

**LOAD SALE**

**\$369.95 Value!**  
**NOW ONLY \$259.95**  
**SAVE \$110.00**

# Hotpoint MOBILE DISHWASHER

- Full-Size! Not a Midget Portable!**
- Rolls to the table for loading...** rolls to the sink to do dishes... rolls out of the way as easily as any midget-sized portable. Yet it's a full-sized dishwasher that can be permanently installed under a continuous kitchen countertop any time you wish.
  - DUAL DETERGENT DISPENSER!** Fully automatic. Releases fresh detergent for each of 2 separate washes.
  - 2 WASHES... 2 RINSES...** plus a completely automatic pre-rinse that makes hand-rinsing unnecessary.
  - SANITARY ELECTRIC DRYING!** Everything dries to a gleaming sparkle in pure, electrically heated air.
  - PUSH-BUTTON OPERATION!** You just push a button. Everything's done for you automatically.
  - EXTRA-CONVENIENCE CONTROL!** Fully flexible dial control—stop the action at any time... vary the cycle... even warm plates.
  - SEPARATE SLIDING ROLL-RACKS!** Both upper and lower racks roll out separately for easier loading. You don't have to lift out one to get at the other.
  - GENUINE HARD-MAPLE CUTTING TOP!** Extra table-top work surface—a real "butcher's block" top ideal for cutting, slicing, chopping. Makes preparation of meals much easier.
  - PLUG-IN CONVENIENCE!** No installation cost! Needs no plumbing alterations, no special wiring.
  - CHOOSE FROM 7 NEW FINISHES!** Available in 3 decorator colorations... classic white... or glowing Coppertone.
  - CAN BE PERMANENTLY INSTALLED WHEN YOU BUY OR BUILD.** Casters and heat-resistant hoses come off quickly, and the Hotpoint Mobile Dishwasher can be easily installed under your countertop in your new kitchen cabinet lineup.

**KIDS! HURRY! STILL TIME TO ENTER THE HOLLYWOOD TRIP CONTEST! ... OR TEN OTHER RUNNER-UP PRIZES YOU MAY WIN.**

# CITY APPLIANCE, Inc.

"Jackson County's Exclusive Hotpoint Dealer"  
 127 North Central Ave., Medford • Phone 3-5306 — 137 East Main St., Ashland • Phone 9-5831  
 OPEN WEDNESDAY EVENINGS 'TIL 9 • VISIT OUR USED DEPARTMENT

Visit Us at the "DO IT YOURSELF FAIR & HOME SHOW" — June 22, 23 and 24 — Blue Moon Ranch

## Hotpoint Hotpoint Hotpoint Hotpoint