



Accomplishments of IGY Work Reviewed; Year Coming to End

By HARRY W. FRANTZ
United Press International
Washington — (UPI) — Man's greatest attempt to find out about the world he lives in—the International Geophysical Year—is approaching its final stage, but the scientists who have taken part in it are not even thinking about quitting the job.

The IGY, which began on July 1, 1957, for an 18-month period ending next Dec. 31, engages the attention of about 10,000 scientists from 66 countries who are seeking to expand man's knowledge of the earth, sea, atmosphere and sun.

Between now and the end of the year, they probably will devote most of their research to Antarctica, oceanography and solar phenomena. Looking beyond the end of the IGY, international committees already have been established for continuation of the work at the South Pole and for further exploration of the seven seas.

There also is talk about an "international year" related to the "life" or biological sciences, as distinct from the physical sciences, but no agreement has been reached. First 12 Months

The first 12 months of the IGY gave tremendous impetus to space exploration through satellite launchings by Soviet Russia and the United States, and the use of rockets for many experimental purposes. Some of the major IGY accomplishments so far—apart from the satellite launchings—have been:

The establishment, by air

drop, of the United States IGY station at the South Pole, which is likely to become permanent because of its great meteorological importance to Southern Hemisphere weather reporting.

The first complete overland crossing of Antarctica by the United Kingdom-New Zealand Trans-Antarctic expedition under Sir Edmund Hillary and Dr. Vivian E. Fuchs.

The first surface measurements of gravity in the open sea made on Nov. 22, 1957, from the United States ship Compass Island, using a new sea gravimeter.

Discovery by British and American oceanographers of a swift ocean current running counter to the Gulf Stream and about 10,000 feet below it, opening a new era of investigation into deep sea movements.

Confirmation by observatories located on Pacific islands of the probable existence of an "electrojet," a narrow equatorial electrical current circling the earth in the high atmosphere.

Exploration by American, Peruvian and Chilean scientists of the structure of the Andes mountains in South America. They found that the roots of mountains extend into the earth to unsuspected depths, a great contribution to knowledge of the global crust.

U. S. and Canadian scientists at Fort Churchill, Canada, over a 10-month period launched 41 rockets into the upper atmosphere, the largest program of its kind ever conducted in the higher latitudes. A great deal was learned about the atmosphere from about 46 to 160 miles above the earth's surface.

In June, 1958, the United States Coast and Geodetic Survey announced a new method of measuring magnetic forces originating inside the earth and in outer space, an extremely important new tool for geophysics.

At the end of June, 1958, the Scripps Institution of Oceanography and the United States Fish and Wildlife Service jointly announced discovery of a new "river of the sea" in the Pacific near the equator. It was estimated to be as strong as a thousand Mississippi rivers and as swift as the Gulf Stream. It flows for at least 3,500 miles.

Scientific Stations
The U. S. established scientific stations on floating "ice islands" in both Antarctic and Arctic regions. This feat has revealed the practicability of permanent human habitation in both polar areas in the event scientific and future economic discoveries warrant it.

Some of the most dramatic events of the final six months of the IGY will center in Antarctica.

The Russians, for example, will try to reach the so-called "pole of inaccessibility" in the heart of the continent.

The U. S. government in May launched a 12-nation project for continuation of international cooperation in Antarctica after the expiration of IGY.

Preliminary Replies
The preliminary replies from 11 nations were sufficiently favorable to justify continued negotiations toward an Antarctica conference and treaty. These in effect would make Antarctica a huge scientific laboratory for an indefinite period. Questions of territorial claims were bypassed in favor of scientific cooperation.

The first 12 months of Antarctic studies by 12 countries led to the conclusion that the Antarctic ice-cap is in most areas deeper than had been surmised before the systematic depth-measuring operations.

Work in the coming seasons should determine whether Antarctica, beneath the ice-cap, is in fact a continent, two continents, or an archipelago united by ice.

Warm Period
The same investigations will solve the ancient riddle of what would happen if there were another warm period in global history to melt down the tremendous volume of ice in Antarctica.

Russian IGY scientists already have estimated that melting of the Antarctic ice-cap would raise the ocean level by 45 meters. An earlier estimate was 15 meters.

In the final months of the IGY, investigations also will intensify into the mysterious rays which the sun projects into space, important to future projects for human travel from earth.

McLEOD

Guests at Barber Home

By CAROLINE L. HARDING
McLeod — House guests of Mr. and Mrs. Harold Barber recently were their son, Lt. Allen Barber, and his wife, Mary, and son, Douglas, of Salt Lake City, Utah.

Lieutenant Barber will report soon to Ft. Belvoir, Va., where he will be stationed for two years with the Army. His

Vets Urged to Start Preparing for College

Veterans planning to start school this fall under the Korean GI Bill are urged to take action now in order to avoid the last-minute rush, S. T. Brannock, officer in charge, Veterans administration office, Medford, said today.

With some 600,000 veterans expected to be in training this fall, VA regional offices will be operating at top speed to process their applications. By filing their applications now, veterans will save themselves unnecessary delays, Brannock said.

To help veterans, Brannock issued eight points to be checked. They are:

Allowed One Change
1. Veterans are allowed only one change of course; therefore, they should give plenty of thought to their ultimate goal and the training program leading to the attainment of that goal.

2. Veterans not sure of their training goal may request VA vocational counseling.
3. Veterans should be certain their course has been GI-approved by the state in which the school is located. The local VA office and the VA regional office, Portland, can furnish information about approved courses.

Complete Arrangements
4. Veterans should complete arrangements for admittance to their school before filing applications with VA.

5. The application for GI training must be completely filled out and signed. It must be sent, along with a photograph or certified copy of the veteran's separation paper, to the VA regional office.

6. The application should be filed as soon as possible. This will enable the VA to iron out any snags before school starts.

7. Veterans with dependents must submit the necessary proof of dependency when VA requests it. Certified copies of public records of marriages and the births of any and all children, under 18 years, must be obtained

and submitted to the VA as proof of such dependents.

Enough Money
8. Veterans should have enough money of their own to tide them over the first two months of training. It takes that long, ordinarily, for a veteran's first monthly check to reach him. The reason is that payments are made only after each month of training is completed, and not before.

Before payment can be made, the VA must receive a certification signed by the veteran and his school, certifying the veteran's attendance during the month for which payment is to be made. The law allows VA 20 days after receipt of certifications to get checks in the mail.

Burns Estate Cut To Only \$428

Hollywood — (UPI) — Barbara Burns, 20, today had \$428 left from the \$20,000 estate left her by her father, the late comedian Bob (Bazooka) Burns.

The estate of the attractive would-be singer, convicted recently on misdemeanor narcotic charges, was settled Monday by Superior Court Judge Burdette J. Daniels.

Troubles and costs growing out of the young woman's arrest last January on narcotic charges had trimmed the original \$25,000 estate.

Burglars Warned of Using Lockfoam

Los Angeles — (UPI) — Sheriff's Capt. Joe Dennis warned today that burglars who stole two cans of lockfoam, a compound used in mask-making at the Don Post Studio, may die if they handle the material.

The officers said the compound has a cyanide base which enters the bloodstream through the skin and attacks the red corpuscles if left on the hands.

Workmen use rubber gloves in working with the material.

Massena, N.Y. — (UPI) — It took more than three million cubic yards of concrete to build the U.S. portions of the St. Lawrence Seaway and Power projects.

About two million cubic yards went into the Long Sault Spillway Dam, the Iroquois Control Dam and the Massena Intake Structure, enough concrete to provide every resident of New York state with a 550-pound slab.

Week's Sewing Buy

The Lions Auxiliary of Prospect held their monthly dinner meeting at Mill Creek Falls cafe Wednesday evening, Aug. 13, with 11 members present.

The work shop will be held in the Methodist church in Roseburg Monday, Sept. 22, and the next board meeting will be held Wednesday, Aug. 27, at 8 p.m. at the home of Mrs. Darwin Bevins.

The Lions and the Lion's Auxiliary will have a smorgasbord dinner at Beckie's cafe in Union Creek Wednesday, Aug. 20, at 7:30 p.m.

Mr. and Mrs. Chet Wilson of Caldwell, Ida., were here for their daughter, Chloe's, wedding to Jack Greb, which took place Sunday, Aug. 10, at 3 p.m. at the Community Bible church in Eagle Point.

House guests of Mr. and Mrs. Vernon Copeland recently were Mr. and Mrs. Tillman Crounover from Montague, Calif. Mrs. Copeland and Crounover are sister and brother.

Visiting Mr. and Mrs. Bill Miller at their summer home on the Rogue river is Miss Edna Uritt of Los Angeles.

Mr. and Mrs. Wayne Ash extend an invitation to friends to attend the wedding of their daughter, Claudia Marie, to Wayne Emery Horton at Shady Cove Assembly of God church Saturday, Aug. 23, at 8 p.m.

Mr. and Mrs. Wayne Miller and daughter of Van Nuys, Calif., are staying at the Shady Cove trailer court while making preparations to go to Alaska.

House guests at "Hardings Paradise" recently were Mr. and Mrs. Harry Harding Jr. and four daughters from Alta, Calif., and Eldridge Kobornik and son, Ricki, from Roseburg.



AFTER 17 YEARS—Mrs. Alicia Kingston of Dallas, Tex., weeps as she hears the voice of her mother for the first time in 17 years via transoceanic telephone to the Philippine Islands. Mrs. Kingston and her brother were interned by the Japanese in World War II and separated from their mother. Unable to locate her after the war, they gave her up for dead and both came to Texas in 1945. Recently they learned she was still alive, though in ill health. Now they are trying to raise money to bring her to the U. S.

Prospector Pleads Innocent to Charge

Albuquerque, N.M. — (UPI) — Norman A. Foose, 42, a black-bearded prospector, pleaded innocent by reason of insanity Monday in the wanton slayings of two children last July 10.

Foose, a former mental pa-

tient from St. George, Utah, was captured shortly after he shot and killed a 10-year-old girl and a 13-year-old boy with a high-powered rifle "because the Lord told me to help depopulate the world."

A sanity hearing and hearing on Foose's request for a change of venue have not yet been scheduled.

Czech Railway Waiters On Trial for Charges

Vienna, Austria — (UPI) — Forty-nine Czech railway dining car waiters are on trial in Bratislava for overcharging and pocketing the difference, Radio Prague reported.

The broadcast said the "dirty business started in 1953.

Chives For Cornbread

New York — (UPI) — Next time corn bread is on the menu, vary the recipe by adding chopped chives. If you use corn bread mix, use 1/4 cup chives to each package. Serve with vegetable salad.

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Robinson Reported Satisfactory

Hollywood — (UPI) — Actor Edward G. Robinson, 65, was reported in "satisfactory condition" today at Cedars of Lebanon hospital where he was hospitalized for observation and a checkup.

The stage and film star entered the hospital Monday after his arrival from Las Vegas. He was landed there by a Los Angeles-bound American Airlines plane which made an unscheduled stop Sunday.

Robinson was taken to the Southern Nevada Memorial hospital by ambulance and treated for a "lower stomach upset." He left after a brief stay and spent the night at the Sands hotel before continuing his trip to the coast.

University Park, Pa. — (UPI) — A survey of Penn State journalism graduates since 1930 showed that most of them are still in jobs connected with mass communications and that they enjoy their work.

About one-fourth of the 550 graduates who took part in the survey are employed by daily newspapers; 10 per cent are in public relations and 9 per cent with advertising agencies.

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