

International Geophysical Year Scientists Set Traps For Nature

By ALTON BLAKESLEE
Associated Press Science Writer
NEW YORK (AP) — Over a luncheon table, Germany's Dr. Julius Bartels searched for a moment for the right words: "We set out traps for nature. Then when nature does something, we often learn her secrets."
To Bartels, professor of geomagnetism at the University in Goettingen, this was the essence of the IGY, the 18-month International Geophysical Year which just ended.

For every minute of 18 months, the sun was under constant watch by 100 observatories around the world. And the sun obliged, staging the greatest sunspot activity since 1778.
Special rockets soaring up for brief glimpses discovered that flares shoot out great bursts of X-rays. X-rays always are beaming out of the sun. It's the added X-rays from flares which apparently cause radio fadeouts on earth.
For the very first time, rockets reached above obscuring clouds during an eclipse of the sun, learning that the solar X-rays stem from the sun's corona or atmosphere, not its disk. The sun wears a bright X-ray halo.
Other rockets, looking into space with eyes tuned to see only ultraviolet light, found that some stars are wrapped with nebulous radiation not explainable by the energy the stars are thought to possess. This rocket astronomy, developed by Dr. Herbert Friedman and associates of the Naval Research Laboratory, will greatly enrich knowledge of the heavens.

There were more indications that the earth actually swims in the far outer reaches of the sun's atmosphere.
Rockets flying 50 to 150 miles up found the earth's atmosphere to be perhaps 10 times denser at high altitudes than had been thought, with strong daily and seasonal variations — factors influencing weather.
Paced by Russia's astounding Sputniks, man zoomed into the space age.
The dog Laika aboard Sputnik II indicated humans could tolerate the strain of rocket take-off, and the peculiar weightless state of space flying.
But a huge surprise was discovery through U.S. satellites of two great and hazardous bands of radiation ringing the earth at altitudes of 1,400 to 8,000 miles.
They're deadly enough to block space flights, unless man is protected, or can pass through quickly, or dart through what seem to be holes in the radiation above the earth's poles.
This radiation appears to consist of atomic particles streaming from the sun, then trapped in the earth's magnetic field.
Radiation leaking down from the trap could cause the auroras, and perhaps cause some heating of the earth's atmosphere — another fact useful in understanding weather.
IGY observations changed the picture of the shape of the earth's magnetic field out in space, and indicate the earth often wheels through curious magnetic clouds.
Rockets and satellites measuring space dust indicated that 3,000 tons of meteoric dust fall daily upon the earth. The Russians said it might be as much as a million tons a day.
Vanguard — the little grapefruit-sized satellite — turns out to be one of the most useful space voyagers.
Swinging far out in a highly faithful orbit, it is so precise in its journey that it is being used in place of stars to get accurate navigational "fixes" on earth, and to check guidance instruments and devices at missile test centers.
Coming — fairly soon — are weather satellites which can track hurricanes, take a global view to tell man what is coming in climate, droughts or floods, help determine whether the earth is warming or cooling.
Telescopes mounted aboard satellites will fathom mysteries of stars, planets and universe. And man's next great communications system probably will be a group of special satellites relaying messages from earth back to any other place on earth.
To all this, it was the IGY which opened the door.

Stock Market Posts Record In First Full Trading Week

NEW YORK (UPI)—Stocks rose to new record highs in the first full week of 1959 in the most active trading since the Thanksgiving week.
The industrial average closed at 592.72—a new record high, up 5.13 points on the week and at 98.76 per cent of the 600 level. In other words, it has only to rise 1.24 per cent to make 600. That would mean a doubling of the average in 30 years. It closed at exactly 600 on Dec. 31, 1928.
At 592.72, industrials are 1,238 per cent above the low of 41.22 set on July 8, 1932, the bottom of the Great Depression. Rails are 1,136 per cent above their low on that day which was a mere 13.23.

barrels of money to buy common stocks. By the close Friday all the Wednesday loss was recovered and more.
This week's market was a real contract with the first one of 1959. In that week sales averaged only 2,230,680 shares daily. Prices declined with the industrial average finishing off 5.88 points and rails off 3.37.
This week's sales totaled 20,857,601 shares and averaged 4,167,520 shares daily. If the 1959 daily average is kept up the sales for the year will cross the billion-share mark, a level hit only in 1929.
Market news generally held to the favorable side. American Telephone reported earnings for 1958. Industry stepped up production with steel output at a 15-month high, auto output well above the previous week and a year ago, and most other statistics making a favorable year-to-year comparison.
Foreign developments brought out no untoward incidents and the market completely ignored the new Soviet planet rotting around the sun.
Cold weather throughout most of the nation swelled sales of heating oil and gas and sent consumers to the stores for winter clothing.
Wall Street took President Eisenhower's address on the state of the nation in stride since most of his statements had been anticipated. Wall Street remains skeptical that the budget can be balanced.
About the only untoward incident was the practical end of plans to merge the nation's two biggest railroads — Pennsylvania and New York Central. This brought some modest selling in Pennsylvania Railroad late in the week.
American Telephone & Telegraph was the outstanding performer of the week. It reached a new high since 1930 at 240 1/2 and closed the week at 239 1/2, 14 1/2 points from last week's close. Stockholders will vote on a three-for-one split in the issue recently proposed by the directors. Du Pont, a recent favorite, had a big spill on Wednesday and closed down 1 1/2 points on the week.
Copper and aluminum shares improved. Alcoa rose nearly 5 points and Anaconda gained more than 4. Louisville & Nashville gained 5 1/2 points and Norfolk & Western 6 1/2 points to feature the railroads. Oils were mixed with Kerr McGee up 5.

Rails closed this week at 163.38, up 3.86 points and a new high since Aug. 20, 1936. Utilities closed at 91.77, up 0.55 points and a new high since June 30, 1930. The composite average set a new record at 296.27, up 2.36 points on the week.
The market rose on Monday and Tuesday by small amounts. The Tuesday rise was the seventh in a row and these seven sessions added \$11 billion to the value of all listed shares.
Then profit-taking hit with a vengeance on Wednesday. It knocked industrials down 8.22 points and other groups correspondingly. The decline attracted investors who seemed to have

Testimony In Beck Trial 'Conflicting'

TACOMA, Wash. (AP) — Contradictory testimony was introduced in the Dave Beck income tax evasion trial Friday by a Teamsters' Union attorney who described himself as "a messenger boy" who never advised union officials about Beck's borrowings.
The testimony came from Sam Bassett, attorney for the Western Conference of Teamsters, who is in conflict with that given earlier by Teamster official Frank Brewster. Brewster testified he had relied on Bassett's advice concerning Beck's debt when it first became known to them in 1954.
Beck, charged with evading payment of \$240,000 in income taxes, has admitted borrowing \$370,000 from the giant Teamsters' union he once headed.
Bassett denied giving Brewster advice about the loans. He said the first he learned of Beck's borrowings was when George Kachlein, former Beck attorney, asked Bassett to look over an accord and satisfaction agreement between Beck and the union for \$200,000.
Bassett said he presented the agreement to Brewster but did not make any recommendations. Brewster signed the agreement, Bassett said.
Government attorneys presented a number of amended agreements, each raising the \$200,000 figure, and asked Bassett to explain them.
"I was just a messenger boy between Kachlein and the Western Conference," Bassett replied.
Bassett also said he had not advised Brewster concerning an audit of the Western Conference books. He told the court he sat in at a meeting at which the audit was decided but had made no specific suggestions to Brewster.

Airline Ready To Get Planes Flying Again

WASHINGTON (AP) — American Airlines prepared Saturday to get its planes back in the air as union chiefs gathered to act on an agreement to end the bi-gairline's 22-day pilots strike.
Anticipating speedy ratification, American began recalling furloughed employees and made plans to resume operations Sunday. Federal mediators said although there was a chance of a hitch they didn't expect any.
A settlement in principle of the dispute between American and the Air Line Pilots Assn. was announced Friday by federal mediators.
The union promptly summoned its 24-man master executive committee to meet here Saturday to act on the agreement.
No details were announced pending agreement on specific contract language.
American's strike involved approximately 1,500 pilots and copilots and resulted in the furloughing earlier this week of some 20,000 other employees.
The chief issue was wages. Pre-strike pilots' pay ranged from \$400 to \$1,000 a month. The new contract was expected to boost them to a top rate of about \$2,400 a month for senior pilots on new jet airliners which American hopes to put in service shortly.
In the past three months, strikes have grounded four of the nation's five biggest domestic airlines.
Capital Airlines was idle for 37 days in October and November as a result of a mechanics walkout.
On Nov. 23, Trans World Airlines was forced out of operation when its ground crews struck. It resumed flights on Dec. 8 after the dispute was settled.
On Nov. 24, Eastern Air Lines was struck by flight engineers and mechanics. Eastern didn't get aloft until Jan. 2.
The only one of the domestic "Big Five" to escape any shutdown was United Air Lines.
The walkouts seriously disrupted transportation facilities during the Thanksgiving and Christmas holidays.

Society Planning Centennial Lunch

An Oregon no-host Centennial birthday dinner, to be held in the Winema Hotel on Saturday, February 14, is being planned by the Klamath County Historical Society.
Dinner time has been set for 6:30 p.m. in the banquet room. Tickets will be \$2 per plate. Paul Deller heads the society as 1959 president.
The public is invited and Annabelle Newton, dinner chairman, expressed the hope that organizations of the Klamath Basin will take part in the dinner to assure the state Centennial Year of Oregon a success.
An interesting program is planned with an out-of-town speaker who is familiar with all phases of Oregon history.
A Centennial birthday cake will be an appropriate part of the decorations, marking Oregon's admission to the Union on February 14, 1859 which gives it the right to be known as the Valentine state. Guests will be greeted by hostesses gowned in authentic costumes of that period.
"Since only 125 persons can be accommodated in the Winema banquet room, reservations should be made early by phoning, TU 2-4181, TU 4-7618 or TU 4-5704.

Quick Drawer Hits Self Again

LEXINGTON, Ky. (AP)—Bruce Black may not draw fast, but he sure shoots fast.
That's the trouble.
The 23-year-old quick-draw practitioner was hospitalized Friday for the second time within a year for a bullet wound in the right leg.
Black was shot in the leg while practicing in a field near Lexington. He was hit in the right leg while practicing in a field near Lexington. He was hit in the right leg while practicing in a field near Lexington.

Senators Back Educational TV

WASHINGTON (AP) — Democratic Sen. Warren G. Magnuson introduced a bill Friday to authorize an appropriation up to a million dollars to each state and territory for the construction of educational television stations.
A similar measure proposed by the Washington senator passed the Senate last session but died in the house.

Arrest Driver; Too Few Chains

MOUNT SHASTA — Howard L. Washenburger of Milwaukie, Oregon, was given a citation January 5 by California Highway Patrol officers when his truck, loaded with shingles, overturned at the McCloud River Railway crossing north of Mount Shasta. The Oregon man did not have his semi-trailer equipped with chains in a mandatory zone.
The driver thought chains on his truck sufficed. He was not injured.

"DENNIS THE MENACE"



Yreka Grade School Gets New Look As Town Center

YREKA — The old Fourth Street Grammar school in Yreka is beginning to take on a new look as the result of work performed by members of several organizations, who are in the process of rehabilitating the old building into a Yreka Community Center.
A meeting of interested representatives from various civic groups was held on January 6 in the office of Lee Morford, Klamath National Forest dispatcher, who has been one of the main instigators of the project. He is a member of the custodial committee. During the meeting the group discussed various plans, and decided that a board of directors be chosen, bylaws adopted, thereby establishing a permanent organization to improve and maintain the old school building.
Morford reported on work by members of the Yreka Kiwanis Club, Yreka Girl and Boy Scouts and the Teen Club. These are a portion of the groups that hope to use the recreation center as a meeting place.
Morford stated that the Boy Scouts have completed the financing and repair of the three big outside doors of the building. Girl Scouts have completed work in several rooms which included the hanging of fireproof curtains. Members of the Kiwanis Club have undertaken the job of repairing the sanitation facilities. The Teen Club has raised \$300 toward the wiring and painting.
Morford commended the Teen Club members, and said the community should support the youngsters as they had taken on a big project in refurbishing the auditorium.
Those attending the meeting last Tuesday evening included Mrs. J. Deter, Girl Scout representative; L. B. Hastings, representative for the Boy Scouts; Mrs. Rosalie Friedman, Yreka Elementary School PTA; Thomas W. George and P. M. Vizzi, Yreka Rock and Mineral Club; Dexter Townville, Teen Club; and Floyd Taylor, T. M. Deter and Morford of the custodial committee.

Dimes Drive Underway In Yreka Area

YREKA — Leonard N. Kohn of Mount Shasta, Siskiyou County chairman of the March of Dimes campaign, announced January 5, the appointment of Robert J. Ohlund of Yreka as the chairman for the Yreka area, which includes Montague, Grenada, Hill and Hornbrook.
Ohlund said that the campaign is already underway, and will continue on through January. He also stated that this year the foundation has taken on the additional chore of fighting virus diseases, arthritis, birth defects, as well as polio.
Plans for the campaign will include placing of contribution cans in the various stores and business establishments throughout the Yreka area, a Block of Dimes, and a mothers' house-to-house march, with assistance from local civic organizations.
Olson further stated that "The people of the Yreka area can look back with pride at recent March of Dimes campaigns when we donated over \$10,000 annually through the March of Dimes radio auction. Let us not slow our progress toward medical progress and public education, at a time when there is still much help needed."

New Officers Selected By Artists Group

YREKA — Mrs. Calla Lukes of Fort Jones was chosen as president of the Siskiyou Artists Association for the coming year.
Other officers elected to serve with Mrs. Lukes included Mrs. Lucile Townley of Montague, vice president; Mrs. Barbara Thompson, Yreka, secretary; Ken True-love, Grenada, treasurer; Mrs. Margaret (Meg) Chandlee of Ash Creek, historian; and Mrs. Betty Dow of Montague, publicity director.
The slate was presented to the members by Mrs. Roy Dunham of Yreka, who was chairman of the nominating committee. She was assisted by Mr. and Mrs. Sedg Nelson of Montague, and Mrs. Mae Stevens of Yreka. Plans for the installation of new officers will be made soon. The ceremony will take place during the March meeting.
Also during the meeting, which was conducted by Mrs. Dunham, vice president, Mrs. Lukes told the group that Ernest Van Harlingen of Sacramento will appear as guest speaker for the April meeting. Van Harlingen is the director of West Coast Public Relations for Mr. Grumbacher.
Mrs. Chandlee was unable to be present to give a report on her inquiry as to whether the artists association would be able to secure Mrs. Dunham announced that the artists association will meet at 2 p.m. on Sunday, February 15 for its next meeting.

4-H NEWS

MERRY COOKERS
MERRILL — The Merry Cookers met at the Merrill Recreation Hall and made hot cocoa and served it with crackers. Kathy Brooks and Mrs. Lisk were absent. Janelle Wilson suggested each girl bring an apron.
Our next meeting will be January 13. We plan to make cookies. We also plan to hold all of our meetings at the Merrill Recreation Hall. We have two new members, Nancy Kandra and Mary Van Meter.
Janelle Wilson, News Reporter

Altar Society Introduces New Officers

MERRILL — New officers were introduced by retiring president Mrs. Don Ratliff during a meeting of St. Augustine's Altar Society held Wednesday afternoon, January 7, at the parish hall.
The new president is Mrs. Lee McKeon. Other officers are Mrs. Joan McAuliffe, vice president; and Mrs. Jim Shuck, secretary-treasurer.
Plans were made for the serving of breakfast to Holy Name Society members and families following the 8 a.m. Mass on Sunday, January 11. The breakfast committee includes Mrs. Jim Shuck, Mrs. Jack Hickey, Mrs. John Madden, Mrs. Joan McAuliffe and Mrs. Walter Wilson.
Members were reminded that dues are due. The secretary was instructed to purchase necessary bookkeeping supplies.
On display was the new paschal candle holder recently purchased for the church by the Altar Society.
Prior to the meeting, 20 members enjoyed a potluck luncheon. Hostesses were Mrs. Mike Noonan, Mrs. Don Ratliff, Mrs. Robert Petrik, Mrs. Lee McKeon, Mrs. Bill Gasser, Mrs. John O'Neill, Mrs. Johnny O'Neill and Mrs. James Graham. The next scheduled meeting is Wednesday, February 4, beginning with a 1 p.m. potluck luncheon.
A pectoral cross is a golden cross worn on the breast by bishops.

Anglo-Egyptian Talks Resumed

CAIRO (AP) — Five British officials arrive in Cairo by air Saturday to resume financial talks with Egypt which may ultimately lead to a resumption of diplomatic relations.
The talks on clearing up financial repercussions of the 1956 Suez war had broken down earlier.

Stamp Act

TOLEDO, Ohio (AP) — Elmhurst Elementary School has found an economical way to get out notices for Parent-Teacher Assn. meetings.
On the day of each meeting, as the pupils leave school, teachers rubber stamp their hands with the notice, "P.T.A. tonight."

ESQUIRE Starts TODAY
TU-4-4567 OPENS TODAY 12:45

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Quick Drawer Hits Self Again
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The 23-year-old quick-draw practitioner was hospitalized Friday for the second time within a year for a bullet wound in the right leg.

TOWER TODAY! PLUS
TU-4-8484

DAYS THAT SHOOK THE WORLD!

DUNKIRK

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Mutiny!... then

The Decks Ran RED

They murdered the man she loved... and now she was at their mercy!

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FEATURE TIMES:
"Decks Ran Red" 2:55-6:35 & 10:20
"Dunkirk" 1:00-4:40 & 8:25