

Physicists Seek Giant Balloon Which Set New Altitude Record

Minneapolis — (UP) — University of Minnesota physicists Saturday sought a giant, pyramid-shaped balloon which developed wanderlust after soaring more than 27 miles above the earth and establishing a new altitude record for balloons.

Dr. Edward Ney, one of a team of physicists who head the balloon project sponsored by the armed services, said he had received no new reports on the whereabouts of the huge plastic bubble since late Friday night. At that time it was floating westward from the Twin Cities, still some 143,000 feet above the earth's surface.

Two men set out with a portable radar tracking unit hoping to pick up the balloon's trail after the last signals were received at the launching site about 11 p.m. Ney said. He had received no reports from them Saturday morning.

Could Stay Up a Week

Ney said the next report might not come until instruments bearing valuable scientific data are parachuted to earth and located. He said it is conceivable that the huge balloon might continue to float over the earth for a week or more before either bursting or slowly falling to earth as the supply of helium leaks.

If the balloon should burst, he said, a parachute would take over to ease the instruments gently to earth. Friday he estimated that from the record-breaking height the balloon attained, it would take an hour or more for the 48-pound instrument package to parachute to earth.

Timing Device Fails

Ney said the scientists had expected the balloon to burst when the last ballast dropped late Friday, but that it failed to do so. Even so, he said, a timer should have taken over and cut the instruments loose early Friday evening. Wires from the timer to a

dynamite cap apparently became shorted when nylon shrouds twisted during the launching.

If the balloon remains aloft until it starts leaking helium slowly, Ney said, there would be no doubt of recovery of the instruments. He said it would be impossible for the big balloon to come to earth in that manner without being seen.

"This balloon is essentially out of the earth's atmosphere," Ney said. "It is in such rarefied atmosphere that the pressure is only one-fifth hundredths of what it is on earth."

Launched Friday

Launched Friday morning, the balloon was last traced to 100 miles west of the Minneapolis area. It was equipped with cosmic ray research and meteorological equipment, two radio transmitters, and a pair of cameras to record its entire flight.

Ney said the balloon would help to measure "all of the iron nuclei in cosmic rays."

"It will also aid in learning how the universe is formed and how it is changing," he said.

The Army, Navy and Air Force will use the balloon to measure radiation which will be important in space flights and the launching of a small satellite, Ney said.

The old record for a balloon flight was 120,000 feet, set here last summer.

"The reason for the new record is the lighter plastic," Ney said. "This plastic is only about one-fourth as thick as the previous balloons."

Oregon's 91st Fair May Set New Record Of Those Attending

Salem — (UP) — Oregon's 91st State Fair entered its final day yesterday with indications that 1956's all-time record for attendance would be cracked.

Only 18,810 persons were needed Saturday to top the mark of 335,340 set two years ago. Friday, total was 29,185 against last year's Friday count of 29,345. Total attendance through Friday was 316,530.

Mrs. Dale L. Mallicoat, a Salem housewife and mother of three, reigned as "Queen of the Kitchen" over the final day of the annual celebration.

Late awards saw 16-year-old Webster Doughton Jr. of Albany win the 4-H tractor operators' contest over 13 others. He had been driving tractors without an accident since he was six on his father's 310-acre farm.

Six 4-H girls were named champions in the 4-H style revue and will compete against one another in November for a trip to the National Convention in Chicago. They were Joelle Grimes, Dallas; Sandra Angel, Maupin; Kay Johnson, Portland; Dorothy Vetter, Albany; Mary Jane Wait, Rickreall; and Joan Stewart, Sherwood.

Competing in the style show were 156 girls from 35 counties. Parimutuel betting took a drop Friday to \$94,875 as compared with \$96,645 last year.

In the Future Farmers of America sheep show, Irwin Riddell, Independence, took a double win as grand champion sheep showman and Southdown lamb champ.

Dairy showmanship honors went to Norman Finnicum, Dayton, the Jersey champion. Other winners were Aden Hester, Canby; Guernseys; Wayne Smith, Amity; Holsteins, and Allen Bauer, Forest Grove, "other breeds."

The Oregon Fairs Association, headed by Harold Clarno, Myrtle Point, held a special meeting at the fairgrounds and set its annual convention for Nov. 7-9 at the Multnomah hotel in Portland.

Praises People

Salem — (UP) — Gov. Elmo Smith praised the hundreds of people from Oregon's farms and homes Saturday for their part in making the 1956 State Fair outstanding through the increased number and quality of exhibits.

The governor said fair officials told him that nearly every department had shown gains this year. He said he was especially gratified to note the increased interest being shown by those submitting competitive entries.

"The land products entries such as grains, fruits, vegetables and seeds increased 67 per cent this year," Gov. Smith said. "Four more counties than a year ago have attractive and well-done county exhibits. Several livestock classes are also exceptionally good."

The governor also commented favorably on the increased quality in such departments as art, textiles and foods.

Larger Budget

Salem — (UP) — The Oregon State Fair Board Friday request-

ed a larger 1957-58 budget of \$963,532 to provide for a wider midway, improved lighting, more benches and toilet facilities and 1,200 additional folding chairs.

The previous budget was \$856,047.

Dr. Earl B. Stewart, board chairman, said more premium money for the constantly growing fair exhibits was also requested.

Stewart said the additional funds would come from money accumulated from fair operations. He said a \$150,000 emergency fund would not have to be touched.

The commission met every morning of the State Fair to hear complaints and suggestions for improving the fair.

Black, White TV Commercial Comes Out With Colors

London — (UP) — Britain's Commercial Television authority last night transmitted three commercials to ordinary black and white receivers that came out with a semblance of color.

Viewers said they distinguished pinks and blues and other shades on receivers which had no special attachments for receiving any color but black and white.

But all viewers agreed it was hard on the eyes.

Staff members of United Press who viewed the experiment said they could see blue and pink stripes in a fluttering picture advertising a meat extract.

Opinions differed, however on the two following commercials which were of different shapes.

Some observers said they saw pink and purple colors, others said they saw no color at all.

The TV company responsible for the new-type transmission asked all viewers to write in what they saw — even if no "colors" registered.

The process is called "subjective color" and is brought about, according to the independent Television Authority, without a change in either transmission or reception, which remains in black and white.

The Television Authority that controls all commercial TV in Britain, said certain modifications in the transmitting equipment produce a "flutter" in the black and white picture which create an impression of color in the viewer's eye.

Miss Baumgartner To Leave State Library

Salem — (UP) — Josephine Baumgartner will resign Sept. 21 as reference librarian at the Oregon State Library where she has served since 1927.

Library trustees presented Miss Baumgartner with a scroll honoring her for "faithful and efficient" service, particularly in providing state legislators with research and reference material on complicated problems.

Study Gives No Clear Evidence That Radiation Exposure Reduces Male Sex

Tokyo — (UP) — A 10-year study in Hiroshima and Nagasaki gave "no clear evidence" that exposure to atomic radiation reduces the number of male children or increases the chances of malformed babies, two U.S. geneticists have announced.

Dr. William J. Schull and James V. Neel of the University of Michigan Department of Human Genetics said their studies in the two atom-bombed Japanese cities had placed upper limits on the possible hereditary effects of atomic radiation but emphasized it does not rule them out.

Recognize Situation

"We should like to be the first to recognize the unsatisfactory situation in which this study leaves us with respect to drawing firm conclusions concerning radiation-induced genetic changes in human populations," they told the third day's session of the International Genetics conference.

They concluded, "The final evaluation on which a valid course of action can be based will depend on studies of many types, all carefully evaluated and crosschecked."

Dr. Schull delivered the report obtained with the help of U.S. and Japanese scholars.

In a lecture which followed, Professor Raoul Turpin of the University of Paris said he had obtained results with studies of patients treated with x-rays which, unlike the studies of the Americans, tended to show that radiation does reduce the ratio of boy to girl babies.

Turpin said he and his colleagues believe the results tended to support the hypothesis that the sex ratio of children is affected by atomic radiation but added that the findings "could not be considered to prove the hypothesis finally."

Investigation Result

The Schull-Neel report was result of investigations conducted from 1946 to 1955 in Hiroshima and Nagasaki. Its purpose was to find evidence of any difference in the first year of life of children born to parents exposed to A-bombs. The study covered stillbirths, infant mortality, malformations and changes in the sex ratio, all of which many learned men believe can be caused by atomic radiation.

An earlier report covered the first eight years of the study.

Highway Department Promotes Benedict

Salem — (UP) — Albert V. Benedict, resident engineer for the State Highway Department at The Dalles, was promoted Friday to assistant division engineer in Portland.

State Highway Engineer W. C. Williams said Benedict's promotion was part of a plan to provide adequate engineering staffs to design and supervise the greatly expanded highway program resulting from this year's Federal highway act.

Benedict, an employee of the Highway Department since 1931, has been resident engineer at The Dalles since January, 1950. He is a veteran of World War I and a civil engineering graduate of Oregon State College.

William H. Tedeau, draftsman for the department at Baker, was also promoted to engineering designed at Salem. He has been with the Highway Department since 1948.

HONESTY PAYS THREEFOLD

Calumet City, Ill. — (UP) — Honesty paid triple dividends Friday to nine-year old Kathy Paterek. She received a \$10 reward for returning a lost wallet that contained \$3 to Delos Russell of Grand Rapids, Mich.

The analysis took up the ninth and tenth years.

Schull and Neel concluded: 1. "When all exposure calls are considered, there is no evidence of a parental exposure effect..." 2. "The net effect of the 1954-55 data is to render even more questionable the occurrence of

a significant effect of parental exposure on the sex ratio in the Hiroshima-Nagasaki data."

"In summary," the scholars said, "there emerge from this analysis no really clear indications that the radiation history of the parents has affected the characteristics of their children here under consideration."



PORTRAIT OF A MOB—Typical of mob rioters, wild-eyed and grinning like a fiend, this unidentified man attacks photographers as 15 rioters arrested at nearby Oliver Springs were released in Clinton, Tenn., by General Joe Henry of the Tennessee National Guard. Guardsman standing by made no attempt to stop him.

Typhoon Emma Rips North Pacific Area

Tokyo — (UP) — The most violent North Pacific typhoon in seven years battered Okinawa with winds of 128 miles an hour Saturday and dumped 15 inches of rain on the suffering island. Gusts of 156 mph were registered.

Communications with the outside world were crippled, delaying reports on damage and casualties. The 40,000 American troops and their families were believed safe in their concrete ant-typhoon shelters, but heavy loss of life was feared among Okinawans.

The typhoon, nicknamed Emma was moving slowly northward toward Japan and authorities feared a major disaster. The last big typhoon to hit Japan two years ago took 1,500 lives and wrought havoc to fishing boats and flimsy villages.

The Philippines capital of Manila, which received only fringe gales, reported three-quarters of the city flooded. Traffic was paralyzed with water a foot deep in main thoroughfares. Businesses and homes were flooded.

The 2,000-ton Formosan freighter Eddie ran aground off northern Luzon and was reported sinking but the 103 persons aboard were believed rescued by a Philippines ship which reached its side through heavy seas.

A report from Okinawa island command headquarters at 2 a.m. Saturday — five hours before Emma reached maximum fury — told of high winds. Winds of more than 110 miles an hour were still pummeling Okinawa at noon.

The Naha civilian weather station clocked gusts at the maximum limit of its gauges—

SQUARE OR AVENUE

Washington — (UP) — Former President Truman isn't sure whether it's avenue or square, but he definitely knows it's Madison. Addressing the American Political Science Association Friday night, Mr. Truman in his printed text, assailed the "Madison Avenue techniques" of the Eisenhower administration. But when he reached that point, he said "square" instead of "avenue."

Mrs. Luce Says She Won't Resign Post

Rome — (UP) — Mrs. Clare Boothe Luce, U.S. Ambassador to Italy, said Saturday that the Suez crisis had caused her to cancel her plans to resign from her post next month.

The Ambassador was commenting on press reports which said the White House had persuaded her to postpone her scheduled resignation on Oct. 1. Mrs. Luce said the morning newspaper reports were the first she had heard of the White House action.

"Probably they don't want to leave Rome without an ambassador for two months at a time when the Suez crisis is on," Mrs. Luce said. "There are things more important for a post than the mere fact one feels one is going to collapse."

UNSCRIPTURAL BOOKMARK

Baltimore — (UP) — Police arrested a Bible reader Friday because of the bookmarks he used—three lottery slips.

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Just for the record....

Downing a relaxing drink (it's milk, of course) while they check over the month's record, are Mr. and Mrs. Harry Dunn and their twin sons Bob and Dick.

The Duns run a herd of 61 registered Guernseys on their 65-acre dairy farm near Central Point. As members of the Milk Producers' League of Jackson County, they sell their milk, through the League, to your distributors of Grade-A milk—Jorgensen's, Snider's, Gilman's, and Cloverleaf.

The 24-year old twins, who manage the Dunn Dairy, were born in the Rogue Valley, and went through Oregon State College and the Army together before settling down to help run the family farm.

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