

STRATO PHOTOS WILL BE PROOF EARTH IS ROUND

WASHINGTON, D. C. (Sp.)—If by chance you still are skeptical about old Mother Earth being really round, amazing photographs from the stratosphere may soon convince you beyond all doubt.

Four hundred years after Magellan's voyage, daring explorers in the National Geographic-Army Air Corps stratosphere balloon are planning new proof that the world is round, this time by photographs taken high above the earth instead of by sailing laboriously around it.

When the balloon soars into the sky from the South Dakota Black Hills soon, it is planned to obtain photographs that will show the curvature of the earth on the horizon, snapped from altitudes up to 14 miles or more.

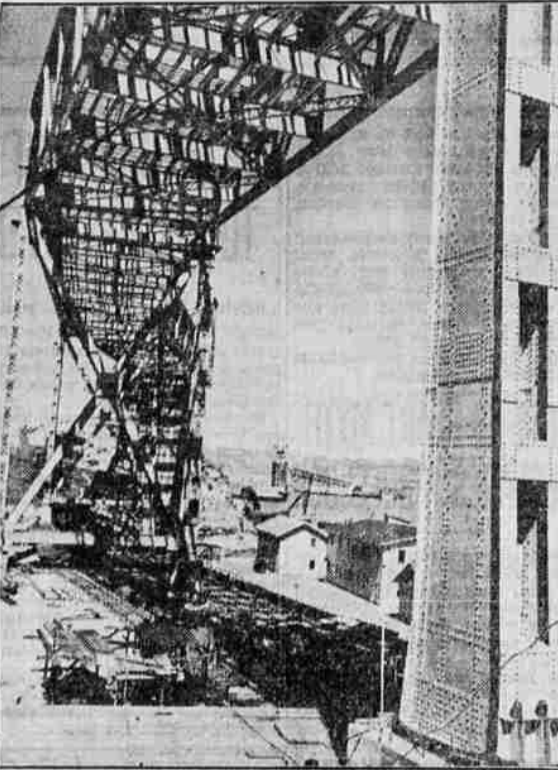
A large Fairchild aerial camera, designed to "see" farther than the human eye, will take the pictures thru a hole in the gondola wall. It will penetrate the haze near the horizon with the aid of the invisible infrared rays of light, using film especially sensitive to these rays.

The curvature of the earth has been photographed before by Capt. Albert W. Stevens, commander and scientific observer of the flight. In 1930, in South America, from an airplane at a height of 21,000 feet, he made the first photograph which shows the earth's curvature laterally. Photographs of the horizon from the stratosphere, more than three times as high, however, should include a much broader sweep of country and hence show the curvature more plainly.

How the earth would look to a visitor from Mars, at least when he neared the end of his trip, will be revealed by photographs taken straight downward during the stratosphere flight. A Fairchild aerial camera in the bottom of the gondola will snap pictures of the earth every 1 1/2 minutes.

These not only will show how the earth looks from great heights but will be used in computing what height the balloon had reached at the time each picture was taken. They also will reveal the speed and direction of the balloon's drift, which can be calculated from landmarks shown in each photo and from watch faces and compass dials photographed simultaneously.

LONG ARMS OF STEEL FOR BRIDGE



Spanning a section of San Francisco bay from Yerba Buena Island to Oakland, this photograph shows the construction work on the island with the shoreside structure in the background. The bridge, when completed, will connect San Francisco with eastbay communities. (Associated Press Photo)

DIET FEAR FADS WANING FAST IS SCIENTISTS WORD

NEW YORK.—(UP)—Branding fear fads in eating and drinking as arch enemies to the well being of the American public, Dietrich F. Fischer, food research chemist, forecasts an early return to unimpaired eating supported by common sense. He declares that science has shown dieting fads, with their attendant "do's and don'ts" and "musts and mustn'ts" to have built up a psychological condition which has worked as a detriment to many.

"This condition of the individual at meal times is as important as the food and drink consumed," Fischer said. "Sit down to a meal in a happy frame of mind, banish food fears and worries, and your digestive and other vital organs will treat you well. A well balanced meal, consisting of a meat, vegetable, a sweet, cheese or fruit, and a cup of hot beverage is then more enjoyable than tolerable."

"Science recently has exiled the danger of the consumption of fish and ice cream at the same meal, and orange juice and milk, now regarded as important factors in a healthful breakfast. Tomato juice, once regarded as poisonous, now is even recommended for infants. And those, regarded with apprehension by many, when taken in quantities, has proved by experiments to be harmless."

At the Chemical Institute's ter-

PURITAN LEADERS KEPT OLD WORLD CASTE TRADITION

NEW HAVEN, Conn.—(UP)—Prof. James G. Leyburn, Yale sociologist, has shattered the popular belief that the Puritan leaders were chiefly concerned with establishing equality when they founded the Massachusetts Bay colony.

"Instead of throwing off the be-draggled garments of Europe and starting life afresh in the wilderness, they liked many of them and tried to keep them even when they were in rags," he revealed in a study of pioneers.

"When a group of people leave an old settled country to start life again upon the frontier," he wrote, "they ordinarily do not wish to give up all their accustomed and familiar ways. On the contrary, they wish to keep as much as they can of the old civilization, merely changing those parts of it which seemed to them disadvantageous."

"To the Puritan leaders there was a natural aristocracy, composed of the clergymen and the small group of 'gentlemen' who stood squarely with the clergy in this theory. This new land, they held, should be ruled only by God's elect. Early magistrates came from this class. Students at Harvard were listed and seated, not in alphabetical order, but according to their 'dignities.'"

CHICKEN PLUCKING IS EASY WITH WAX

MONTREAL.—(UP)—The skin you will love to touch in future will be that of a dead chicken.

For science has evolved a new method of plucking which leaves a chicken's skin as smooth as a baby's chin. The secret lies in giving the birds a "wax bath."

The new process was demonstrated to Montreal poultry dealers by Dr. N. H. Grace of the National Research Council of Canada.

Armed with a couple of galvanized iron tanks and 30 pounds of specially prepared wax, Dr. Grace showed the audience plucking that was plucking.

While several hundred dealers watched, he dipped a roughly dressed chicken into a special liquid wax at a temperature ranging between 125 and 130 degrees, pulled it out, let it cool off and then scraped the wax. The fowl dealers examined the finished product in wonder. Not a vestige of hair or feather could be found and the skin was as smooth as a healthy schoolgirl's.

Use Mail Tribune want ads.

PROGRAM AND PICNIC PLANNED SUNDAY FOR ZION CHURCH YOUNG

A big day for the children is planned for Sunday at 10:45 a. m. by Zion Lutheran church, when the annual children's day program will be given, sponsored by Zion's daily vacation bible school, which has had the most successful year of its existence.

Parents are invited to attend the service to see what the school can do. A crosscut of Bible school work will be presented.

Success of the Bible school this year is due to fine co-operation between scholars, parents, and teachers. Increasing interest was shown by increasing attendance and enrollment. In spite of those leaving on vacations the percentage increase of attendance was higher than the percentage increase of enrollment. The faculty, too, gave their services free.

Martin George Kabele, superintendent; Mrs. W. S. Gilmore, Miss Irene K. Brewster, Mrs. W. H. Klein, Mrs. George P. Kabele, and Pastor Kabele served most capably and well. Miss Ruth Hall assisted as a play supervisor.

Children's day will also be picnic day for the Bible school scholars. At 2:30 Sunday afternoon the boys and girls will gather at the church. The picnic will be held in Lithia Park, Ashland. The scholars are to bring a basket lunch. C. L. McDonald will use his truck to transport many of the children to and from Lithia park; others will assist with cars. Members of the school will be given a surprise treat.

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MUNICIPAL TANK TALK IS REVIVED

Talk is again being revived in the interests of a municipal swimming tank for this city, with enthusiasm being expressed by many, and with at least one prominent business man stating that he is willing to donate \$250 to see the dream come true.

One service club is reported as seriously considering an active participation in the project, having had a standing committee considering the plans for some time. There seems to be two schools of thought in the city, as to just where such a pool should be built, with the majority believing that it should be constructed at the playground near the Main street bridge. The other school believes that it should be constructed on the east side of the town, to depend upon the run-off from the old city reservoir for its water supply, a survey shows.

Plans for the project are still very tentative.

BANK CLEARINGS CONTINUE HIGHER

NEW YORK, June 28.—(AP)—Bank clearings continue substantially higher than those of a year ago, Dun & Bradstreet reported today.

The total for the 22 leading cities in the United States for the week ended June 26 was \$4,997,480,000, against \$4,372,974,000 for the same week last year, an increase of 14.3 per cent. This contrasted with a gain of 8.7 per cent for the preceding week.

At New York City, clearings were \$2,302,125,000, an increase of 15.4 per cent over the amount reported last year, while the aggregate for centers outside of New York of \$1,695,355,300 was 12.2 per cent higher.

Chicago clearings were \$230,100,000 compared with \$213,900,000 in the same week a year ago.

AMITY WATERWORKS GRANT IS APPROVED

WASHINGTON, June 28.—(AP)—President Roosevelt today approved allotment of \$19,500,000 from the \$400,000,000 works fund. Allotments included:

Grant of \$11,045 to amity for improvements to waterworks system.

80 TONS OF COPPER IN BURNED CAPITOL DOME

SALEM, June 27.—(AP)—The old copper dome which crashed during the Capitol fire April 25, has been cleared from the wreckage and metal of that portion of the structure weighed 80 tons, it became known today.

The board of control offices also announced that steel and iron, including the dome, which has been taken from the building and sold, weighed more than 312 tons.

BLAME AGITATORS IN ALASKA COLONY

WASHINGTON, June 28.—(AP)—Lawrence Westbrook, assistant relief administrator, asserted today difficulties in the Matanuska valley, Alaska colony, were caused by "agitators."

Westbrook, who supervised establishment of the colony, said a report received today said 90 per cent of the 200 families "are satisfied with their lot and determined to see the project through."

He added that Leo Jacobs, supervising architect, had reported that "ten per cent of the number are responsible for the stories of unrest being sent from the valley and they constitute a group of agitators who are idle."

"With the arrival of Eugene Carr, FEPA representative, at Palmer yesterday," Westbrook added, "I expect an early settlement of any real or fancied grievances which colonists may have."

BOY'S BODY RECOVERED FROM PORTLAND RIVER

PORTLAND, Ore., June 28.—(AP)—The body of Kenneth Khury, 12, was recovered from the Willamette river by harbor patrolmen today. It was found only a few feet from the site the boy was last seen yesterday by his playmate, Donald Markham, with whom he had been fishing.

On Trails Commission
PORTLAND, Ore., June 28.—(AP)—Harvey G. Starweather and Walter Meacham were elected chairman and secretary respectively today at a meeting of the Oregon Trails commission recently appointed by Governor Charles H. Martin to co-operate with like organizations in western states in marking historic spots along the Old Oregon Trail.

WHAT'S A LADY TO DO? Willie! Willie! Spare that swat! You can't kill mosquitoes one at a time. You won't live that long. The trick is to kill 'em wholesale. It's easy.



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