



IT PAYS TO ADVERTISE — This billboard in downtown Milwaukee carries the latest, and perhaps last, message in the romance of Robert Brachman, 33, and Arlene Hale, 27. Brachman started the billboard romance last spring after the couple had a spat. The board carried a series of friendly messages. They must have worked because the couple plans to be married in the near future.

18,000 M.P.H. Of Sputniks Enables Them To Defeat Pull From Earth's Gravity

By ALTON L. BLAKESLEE
AP Science Reporter

NEW YORK (AP) — Sputniks merrily circle the earth. But a U. S. rocket soaring 4,000 miles high falls back to earth. How come?

Why didn't the American rocket stay up when it went that high? What keeps Sputniks up? The questions still puzzle many people.

Gravity and speed are the main answers.

Gravity usually means that what goes up must come down.

But there's a way of getting around it, through speed. This is what Sputniks do. They travel fast enough so their speed counterbalances the pull of the earth's gravity.

So they keep swinging around somewhat like a ball on the end of a string.

For a Sputnik near the earth, this speed has to be about five miles per second, or 18,000 m.p.h.

Our regular moon stays up for the same reason. It travels only about 2,300 m.p.h. But that's right for a heavy moon 240,000 miles away from the earth. The earth's gravity keeps it on the invisible "string."

Good Timing Needed

To hang a Sputnik in space, you need something more than just speed. You need very good timing and aiming.

If a rocket just goes straight up, it falls down again. The earth's gravity keeps slowing it down, like a brake on an auto. Finally it stops, and falls. Or it makes a long curving flight and falls.

This is what happened to U. S. rockets that went higher than any Sputnik. President Eisenhower says three of them reached heights of 2,000 to 4,000 miles. Where they fell to earth, or the sea, was not said, may not be known.

They weren't aimed to stay up.

To get a Sputnik up, you make the rocket curve so that the last-stage rocket is flying parallel to the earth. It's going about 10,000 m.p.h., at least 200 miles high.

Then the third rocket engine fires off, and boosts the speed to nearly 18,000 m.p.h.

The rocket with its Sputnik tries to go straight, but gravity hauls on it and makes it curve. It circles the earth, with very little air friction to alter its speed.

The angle at which you fire the last rocket determines the orbit—how close or far away from earth it swings.

SALEMAN — The House Taxation Committee Monday recommended passage of three Senate bills.

They would avoid double taxation in rural school districts, and validate rural fire and zoning districts.

This was the first sign of breaking the bottleneck of Senate bills in the House.

The committee vote on the three bills was 5-3, with Reps. Vernon Cook, Gresham, and John L. Kerbow, Klamath Falls, joining with the committee's three Republicans in forcing the bills to the floor.

GRANT APPROVED

SALEMAN — Public Utilities Commissioner Howard Morgan Tuesday approved the granting to Idaho Power Co. permission to issue 15 million dollars of bonds and to sell 225,000 shares of stock.

These issues would raise 30 millions to finance construction of the Brownlee and Oxbow dams on the Snake River.

SALEMAN — Tentative — Tentative, subject to immediate change—Premium quality, delivered in Portland, 60-63 cents per lb; first quality, 57-60; second quality, 52-55.

Butter—Wholesale, f.o.b. bulk cubes to wholesalers—Grade AA, 93 cents; 50's, A grade 92 cents; 58's, B grade, 90 cents; 57's, C grade, 89 cents.

Eggs—To retailers—Grade AA, large, 50-54; A large, 49-50; A medium, 48-49; A small, 47-48; Cartons, 1-3 cents additional.

Eggs—To producers—AA large, 42-45; A large, 40-43; A medium, 35-39; A small, 27-34.

Live poultry—No. 1 fowls, 24-44 lbs, 18-19 in farm; light hens, 10-11 in farm; heavy hens, 13-14 in farm; old roosters, 7-8.

Turkeys—To producers—Young hens, 23, eviscerated; A toms, 23-24, eviscerated.

Rabbits—Average to growers—Live whites, 3½-5 lbs, 22-25; colored pelt, 4 cents less; fresh killed fryers to retailers, 59-64; cut up, 62-65.

Wood—Nominal, clean basis, ¼ blood, 1½-18; ½ blood, 1½-27; ¾ blood, 1½-43; fine, 1½-55.

Fiberite—To producers for orchard run Barcelona, 12-14, few to 15.

Walnuts—To producers for orchard run, 16½-20, depending on quality.

Wholesale Dressed Meats

Beef carcasses—Steers, choice, 500-700 lb, 38.00-40.00; good, 36.00-38.00; standard, 33.00-36.00; commercial cows, 29.00-33.00; utility, 27.00-31.00.

Beef cuts (chuck steers)—Ham quarters, 43.00-46.00; rounds 42.00-45.00; full loins, trimmed, 57.00-61.00; forequarters, 34.00-35.50; chuck, 37.00-38.00; ribs, 43.00-51.00.

Lamb—Spring, choice-prime, 41.00-44.00; good, a 11 wks, 38.00-41.00.

Pork carcasses—Shipper style, 120-170 lb, 28.00-29.50.

DATE: September 11, 1957.

IRVING W. ANDERSON

Manager, Portland Land Office

Bureau of Land Management

Department of the Interior

1001 N. E. Lloyd Blvd.

Portland 8, Oregon

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If Your Paper Has Not Arrived By 6:15 P.M. Dial OR 2-3321

CHEF'S SPECIAL—This grouper, five feet, seven-and-a-half inches in length, was speared just off the beach of San Juan, Puerto Rico, by Don Ensign, right, with the help of Gary Hoyt. It took six men to drag the 255-pounder out of the water. The fishermen sold it to a hotel chef for \$52. Very nice catch.

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OUT OUR WAY



By J. R. Williams

Satellite Eyeing Reports Lacking From Military

CAMBRIDGE, Mass. — The Smithsonian Astrophysical Observatory says not a single observation report on the Russian satellites has ever been received from any branch of the U. S. Armed Forces.

Dr. Fred L. Whipple, director of the observatory, said Monday night reports from the Army, Navy or Air Force would be most welcome.

Smithsonian officials said several days ago they would like observations reported from warning stations in the Far North or from distant airplanes or ships in the North Atlantic.

The last report of Sputnik II sighting received by Smithsonian officials was one from Sydney, Australia, last Saturday.

At present, Russia's satellite I and its rocket and the dog-carrying satellite II cannot be seen in the United States because they are crossing either during the daylight hours or when it is dark.

House Tax Committee Would Pass 3 Bills

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Classified Section

LOCAL CLASSIFIED ADVERTISING

Advertising placed from within Roseburg trade area. Minimum charge to any one ad is 25c.

CLASSIFIED RATES

1 day per word	5c
2 days per word	7c
3 days per word	9c
4 days per word	11c
5 days per word	12c
6 days per word	13c
Line ad, per line a day	18c
Line ad, repeat insertion, per day	9c
Line ad, per line, per month	2.35

DISPLAY ADVERTISING

First insertion, per col. inch	\$1.60
Repeat insertion, per col. inch	\$0.80
1 col. inch per month	\$20.80

National Classified Advertising

25c per line, no repeat rate	
5c per line, no repeat rate	

DEADLINE

NEW ADS

11:00 A.M. day previous to publication

CANCELLATIONS

UP TO 5:30 A.M.

ADJUSTMENTS

If your advertisement appears incorrectly, notify us immediately. We will not be responsible for more than one incorrect insertion. Such responsibility is limited to refund of price paid or correct insertion of advertisement.

REFUNDS WILL NOT BE HELD MORE THAN 60 DAYS

Real Estate 1

\$750 Down

NEAR SCHOOL. Near 2 bedroom home, large living-dining room, handy kitchen, bath, utility, large garage. \$6250.

Spacious

WESTSIDE. Two bedroom home. Selling at appraisal. Large living room, nice kitchen, dinette, tile bath, inside utility, plastered, hardwood floors, large garage. \$9950. Good G.I.

Hucrest

THREE BEDROOM home. Pleasant living room, raised hearth fireplace, nice dining area, handy kitchen-nook, bath with shower, attached garage, fenced yard, beautiful shrubbery. Reasonable terms. Consider neat small home as part payment.

Fullerton Realty & Insurance

723 N.E. Stephens Dial OR 2-3172

Valley Real Estate

CHILDREN LOVE IT

YOU'LL LOVE IT too! A nice new home on a fertile river frontage location. Delicious fruits, berries and vegetables. Room for chickens, turkeys, rabbits and a 4-faucet money-saving cow. A growing array of many colorful flowers. A way of life — the best way. Friends will envy you. Yours at \$6,500.

HOME RENTAL

261 N.W. Cecil. \$65 per month.

A GOOD START

NOT TOO much but it is livable and handy. You finish. Cheaper too. \$2,100. \$200 down. \$40 mo.

Valley Real Estate

1117 S.E. STEPHENS

Evening Phone Salesmen: 3-3259

Saleman & Broker: 3-3062

These Are Genuine Bargains

FOUR BEDROOMS, approx. 1400 sq. ft., modern, comfortable, double carport, \$8750. \$1500 down, \$50 per mo. Beautiful floor coverings, 1 acre lot.

HOUSE — 2 bedrooms, close in. Nice neighborhood. Modern. F.P. \$5500, down \$500, bal. \$60 per mo.

Lehman Real Estate

Ph. OR 3-6183; even 3-6091

Sutherland 2% Down

To Veteran

LOVELY, 3-Bdrm. Ranch-Style home. Living rm. features ice pictureque window, oak floor, convenient kitchen, tile bath, inside utility, attached garage. \$8750. \$1500 down, \$50 per mo. Beautiful floor coverings, 1 acre lot.

GARDEN PARADISE — 1 to 1 1/2 A. in fertile Garden Valley. 3 bedroom modern home, barn, chicken house. Water, electric, irrigation system. Close to all schools. Trade for clear home. Can be seen at 224 E. 3rd St. Sutherland. \$8,000. OR 3-5240. Magness Real Estate.

FOR SALE or trade, \$25,000 equity in Crook 3-bdrm. home. 3-1/2 acres. 2-bdrm. rental. Home has 1300 sq. ft. floor space. All maple and tile floors. Four car garage, 1/2 acre lot. Living room, mahogany, 28 ft. living room. Cobblestone construction. Close to all schools. Trade for clear home. Can be seen at 224 E. 3rd St. Sutherland. \$8,000. OR 3-5240. Magness Real Estate.

MUST SELL EQUITY in 2-bedroom duplex. \$12,500. \$2500 down. \$500 per mo. For information phone OR 3-3040 after 6 p.m. Private party.

FOR SALE OR TRADE, attractive 2 bedroom modern home. Elec. heat, carpet, patio, utility, large lot. \$7500. Terms or trade equity toward 3 bedroom. OR 3-3711.

FOR SALE or will trade clear 3 bedroom home on large river bank lot. Westside, for close in property. Will assume G.I. 2-2470.

FOR SALE or trade, 2 bedroom plastered home. Garage, carpet, wall to wall carpet. Nice location. Ph. OR 3-6062.

TWO BEDROOM modern home, completely remodeled, 2 blocks from Roseburg. A real buy at \$6500. Call OR 3-3062.

SPAS SPECIAL. New 2 bedroom. Fireplace. Good location in West Winston. Dan Hatch. OR 3-5433.

HOUSE — 2½ acres, \$6,000. \$500 down. \$1500. \$2000. Balance \$62 month. Ph. OR 3-3276.

ONE BEDROOM modern home, barn, chicken house. On 1/2 acre in Roberts Creek District. \$1750. OR 3-4222.

EQUITY in 2-bedroom home on 2 lots. \$11,000. \$1500. \$500 per mo. OR 3-2521.

E