

# Moon's Scientific Value Clocked By Implications

**By TOM HENSHAW**  
 NEW YORK (U)—The political and military implications of Sputnik are throwing a smoke screen around the scientific value of a man-made, man-controlled earth satellite.

While the West mourns a race lost, Sputnik spins merrily on its slithering beeps apparently transmitting scientific data to its earth-bound makers.

What information is Sputnik transmitting?

## Town Erects New Signs

**BONANZA**—Signs at the city limits, speed restriction signs and the Green River ordinance signs have been erected, it was reported at the October 7 meeting of the city council at Bonanza Library.

Mayor Walter Caschauer heard a report also that a fire siren has been put on a light pole at Warfield's Service Station. The pole was given the city by California Oregon Power Company.

Janet Fernlund is painting a sign to put on the city fire house.

The council voted to gravel a portion of College and Second streets. A portion of Second is already paved.

The first reading for the Copco franchise was heard.

## On The Record

**KLAMATH FALLS BIRTHS**  
**JANSCHKE**—Born to Mr. and Mrs. Carl Robert Janschke, October 8 in the Klamath Valley Hospital, a son weighing 8 lbs., 2 1/2 ozs.

**DRIVING EXAMINER**  
**BONANZA**—A driver's license examiner will be on duty in Bonanza on October 15. He will be at the Bonanza School at 9 a.m. to give students learners' permits and then will be on duty at the Bonanza Library until 4 p.m. for adult drivers' licenses.

**SPORTSMEN MEET**  
**McCLOUD**—A meeting is being held at the Lair Thursday of the McCloud Fish and Game group. Maps and regulations for the Tule lake and the Lower Klamath wildlife refuges will be given to each member attending, according to William Sloan, president of the local sportsmen's club.

The Soviets have said it is counting meteor hits and collecting data on the South Magnetic Pole. One Russian scientist has hinted it also is measuring temperatures in space.

That's only part of what earth satellites—Russian and American—are expected to do this International Geophysical Year.

The 6 to 10 planned by the United States will study meteor magnetism, temperature as well as cosmic and sun rays, air density, space pressure, even the shape and composition of the earth.

These things have been studied before but never outside the atmosphere, the dense layer of air that envelops the earth and obscures the secrets of space.

Data gathered by the prying satellites probably will not have immediate practical value. But it will provide a foundation on which future practical results may be built.

A half century ago, Albert Einstein formulated a basic theory that matter can be converted into energy. It was 40 years before practical atomic energy grew up on that platform.

Already, scientists can guess at some of the practical results which may evolve if the satellite reports can answer questions like these:

What effect do temperatures in the ionosphere (the electronic curtain that hangs over the earth) have upon wind velocities on the surface of the earth?

What does this mean for weather forecasters?

What is the connection between sunspots, those vast, turbulent storms on the face of the sun, and the auroras that frequently raise hob with earthly radio communication?

What does this hold for the future of radio?

What is the source of cosmic rays, powerful and penetrating electromagnetic radiations which create energy as they pass through the atmosphere?

Can they be harnessed to serve mankind?

What physical effect will meteors (which may vary in size from speeding rains of dust to hurtling mountains) have on the satellites? And what is the intensity of the lethal ultraviolet rays which are blocked from the earth's surface by the atmosphere?

What will they mean for the future of possible space travelers?

The satellites, of course, are man's first tentative steps toward space travel.

The artificial moons reach a balance at 18,000 miles an hour between the possessive pull of the earth's gravity and centrifugal force tending to hurl them into outer space.

A relatively not-much-faster push would allow them to break gravity's hold and possibly reach the moon, a target the Russians say they hope to hit within the next decade.

# Sponsorship For Visitor From Abroad Sought In KF

Sponsorship of a visitor from abroad under the Department of State's Cooperative Community Recreation Exchange plan is sought in Klamath Falls again this year.

Bob Bonney, park and recreation director for the city, said today that the cost of a four-day visit is approximately \$85. Any interested organization may act as sponsor.

Two such visitors have been entertained here, Maj. Adel Taher of Egypt, 1956, and Hassan Kanna from Iraq, 1957.

The 1958 program of exchange will be handled through the International Recreation Association. In past years of operation, tremendous progress has been made in building world fellowship of recreation agencies and leaders and in winning increased recognition of recreation on a world level.

The 1958 project will be similar to the program for 1957 in most respects. It will last for four months, with about three months devoted to visits to American cities. The program will include an orientation period and formal instruction in recreation philosophy, history, principles and practices as developed in this country. Visits to American cities will be for four, two and one week periods.

Full hospitality, meaning a place to live, three meals a day and \$28 a week for incidental expenses is needed. The latter figure is intended to cover carfare, taxis, telephone, laundry, dry cleaning, pressing and other personal expenses and pocket money.

Visitors to Klamath Falls in the last two years were sponsored by the Rotary and Kiwanis clubs. Any service or community group may participate in the program.

## Brownie Group Holds Meeting

The first meeting of the second grade Brownies of Twyla Ferguson School was held Wednesday, October 2, at 2029 Gettle Street after school. The get-acquainted meeting was attended by 13 girls, Michele Baker, Beverly Brackman, Deanna Carr, Jean Rae Clark, Denise Decker, Norma Dotson, Linda Giovanni, Candee Horton, Marilee Magnuson, Vicki Neipp, Marielena Schwartz, Jean Schweiger and Charlotte Beaudry.

Leader of the group is Mrs. Mary Magnuson, and assistants are Mrs. Joan Neipp and Mrs. Shirley Horton. Two troops were formed from the 13 girls present, the Butterflies and the Bluejays. The troops will take turns entertaining each other at the weekly meetings to be held on Mondays.

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