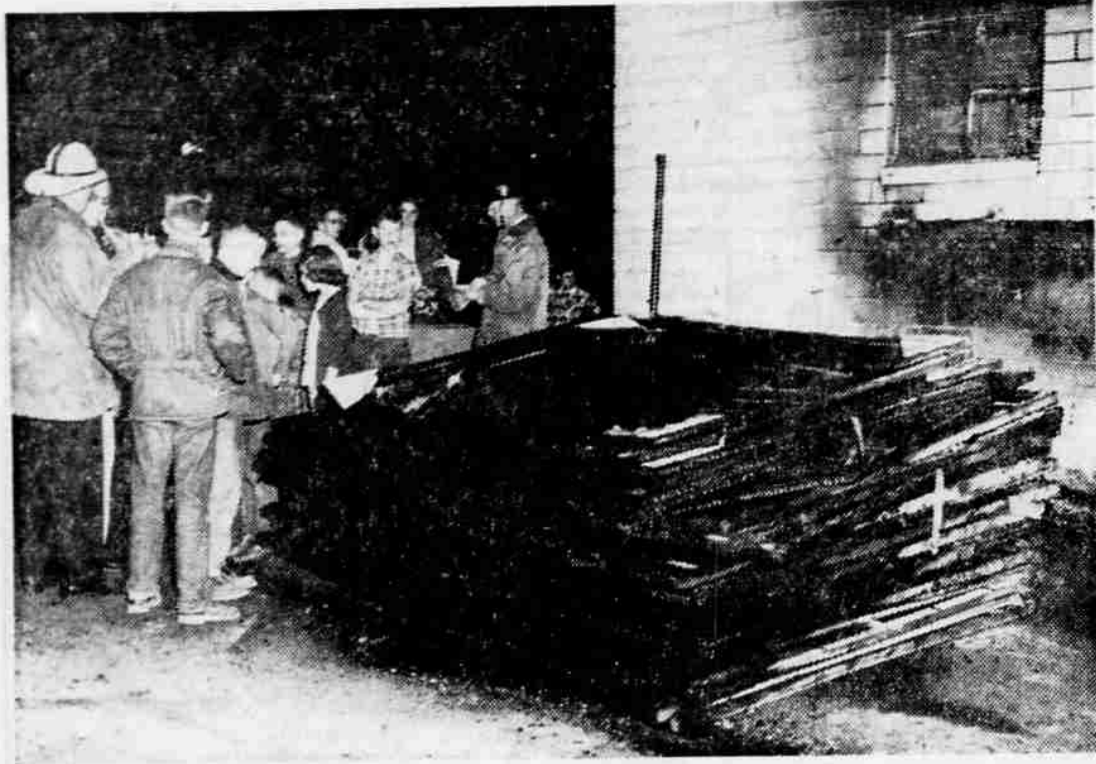


AMERICAN RADAR BEAM HITS VENUS



STAGE PROPS BURN—Stage props which were to be used in a music recital at St. Mary's school gymnasium were damaged about 6:30 p.m. Thursday by a fire believed started by youngsters playing with matches. A window of the gym (above) was broken and the window frame damaged in the blaze. Sisters at the school said the youngsters believed responsible for the blaze were not St. Mary's students. The props had been given the school recently by Miss Pat's Dance studio. Three pumps, the aerial truck and two police cars answered the call. Firemen are investigating the cause. —(Knackstedt photo)

Black Tornado Dumps McMinnville, 81 To 61

Jerry Anderson Nets 33 Points For Tourney Mark

By DICK JEWETT
Mail Tribune Sports Editor

McArthur Court, University of Oregon, Eugene-Medford High school will oppose St. Helens at 1:30 p.m. Saturday for fifth place in the Oregon Class A-1 basketball tourney here.

Jerry Anderson piled up 33 points for the highest scoring in the tourney so far as the Black Tornado of Medford overpowered McMinnville 81-61 today in a tourney consolation semi-final. Earlier the Lions of St. Helens stilled high-rated Jefferson of Portland 62-54. Second highest scoring for Medford was Lowell Dean with 15 points and Larry Phillips spurred McMinnville with 22. Anderson and Dean also paced Medford in rebounding with 12 retrieves each. Phillips had 12 retrieves for the Grizzlies and George Koch had 10 for Medford.

Lead in Each Quarter
Quarter scores today favored Medford all the way with 23-16, 43-34 and 56-44. Medford took the lead for good in the middle of the first quarter and scored 20 points better in each of three periods and outscored McMinnville in every stanza. For the first time in the three tournament games Medford exceeded a 400 average in field goals, shooting 417 while McMinnville hit 321. Anderson's 33 outdid the 30 scored by 6-9 Mel Counts of Marshfield against St. Helens in a tournament opener on Tuesday.

DOW-JONES AVERAGES
New York—(UPI)—Dow-Jones final stock averages 30 industrial 610.37 up 0.85; 20 railroads 162.62 off 0.60; 15 utilities 94.41 off 0.18; and 65 stocks 210.77 off 0.17. Sales today were about 3,770,000 shares compared with 4,150,000 shares Thursday.

Spring Officially Begins At 12:55 a.m. Saturday

Washington—(Science Service)—Spring begins officially at 12:55 a.m. (PST) on Saturday, March 21, scientists at the U.S. Naval Observatory here calculate.

This is the astronomer's start of spring, fixed by the sun's apparent motion in the sky. People, animals, birds and plants, however, all have their own timetable for spring's arrival.

For humans, it is ill-defined that first with the aptly named "spring fever" known as "spring fever."

Man-Made Radiation Traps Demonstrated With Project Argus

Washington—(UPI)—Atomic weaponeers have demonstrated the possibility of laying artificial radiation traps for anyone who might dare to venture unshielded into nearby space.

Nature itself has created two zones of radiation—the first starting about 400 miles up—which reach peaks of deadly intensity at 2,000 and 10,000 miles.

Now man himself can plug the gaps in these natural zones, leaving only the regions around the poles safe for unshielded space departures and arrivals.

This was revealed by Thursday's disclosure that the military, in Project Argus, secretly exploded three small atomic bombs—each equal to about 1,000 tons of TNT—more than 300 miles above the South Atlantic last August and September.

Another revelation was that man can now mess up his electromagnetic environment to the point where radio communications and radar warning systems may be blacked out or impaired. Such disruptions normally are caused only by discharges of charged particles from the sun.

A third disclosure was that unless someone is looking for them, high altitude atomic tests apparently can be staged without detection. The Russians did not tumble to the Argus tests. There was no radioactive fallout, because of the extreme altitude.

Information Provided
The Argus tests provided much information about the military effects of nuclear explosions above the atmosphere. The information is secret. It is known, however, that the lethal range of bomb radiations at high altitudes is far greater than on the surface—on the order of hundreds of miles for H-bombs.

Some scientists fear such explosions might upset delicate balances among forces affecting life on earth.

(See story on Page 6)

Sportsfair Dinner Slated Saturday

The annual banquet held for exhibitors for the Crater Lions Sportsfair will be held tomorrow, at the Rogue Valley Country Club.

Crater Lions, exhibitors, guests and their wives are invited to attend the no-host banquet scheduled for 7:30 p.m. A social hour will be held at 6:30 p.m., Clifford McGinty, general chairman of the event, has announced.

Problems, relating to the floor arrangements, decorations, police protection, insurance, booth construction and other matters pertaining to the Sportsfair will be discussed.

The Sportsfair queen will be elected, and a style show will be held with queen candidates modeling the clothes. Mrs. Marjorie Gree of Burelson's will be commentator for the style show. Mrs. Warren Davis will furnish the music.

Competing for the queen title are Jean Bjorlie and Sally Lane, Ashland; Sylvia Yell and Arvilla Prom, Crater High school, Central Point; Linda Hertager, Eagle Point; Karen Frohs, Jacksonville; Marsha O'Sullivan and Marianne Samuelson, Medford; Danna Halass, Phoenix, and Carolyn Tiegs, Talent.

Ike, Macmillan At Camp David

Washington—(UPI)—President Eisenhower and British Prime Minister Harold Macmillan settled down to a cold war strategy conference today in the privacy of the President's Camp David retreat in the Catoctin mountains.

The two Free World leaders flew by helicopter from Washington to Camp David, 23 miles from here, for three days of leisurely talks.

WEATHER
FORECAST: Mostly cloudy with showers tonight. Partly cloudy Saturday. Low tonight 36 degrees. High tomorrow 53 degrees.

Our Skies Tonight
Sunset today 6:23 p.m.
Sunrise tomorrow 6:15 a.m.
Moonset tomorrow 4:19 a.m.
Full moon March 24
Spring begins tomorrow 12:55 a.m.
as the Sun crosses the celestial equator at a point among the stars that is slowly changing. That point, the Vernal Equinox, is now in Pisces; a Chinese observation in 2327 B.C. placed it in the Pleiades.

Steps Asked To Avert Scandal in Tax Commission

Amendments To SB 361 Sought
Salem—(UPI)—The Senate Tax Committee asked its legal advisor Thursday to amend Senate bill 361 to include safeguards that would avert any scandal in the State Tax Commission.

"We in Oregon have never had a scandal occur in our tax department," Sen. Donald Husband (R-Eugene), declared, "and we don't want to do anything that would cause one in the future."

Bill Explained
The bill in question proposes cancellation by the Tax Commission of delinquent taxes if the taxpayer was granted a discharge in bankruptcy of other debts and not less than two years have elapsed since the discharge was granted.

Husband had previously stated that under the provisions, some sharp individual might either make a deal with a tax official or by some other unlawful means gain a cancellation of delinquent taxes.

Chairman Ward Cook (D-Portland) said the committee would consider the bill after the proposed amendments had been drawn up.

Sales Tax Talked
Husband said he was seriously considering a three per cent sales tax exempting food stuffs and medicine, but at the same time raising the personal exemption in the state income tax law from \$600 to \$750 or \$1,000 for single persons and from \$1,200 to from \$1,500 to \$2,000 for married couples.

Husband said he did not favor earmarking revenues from a sales tax for education, even though it would save the state budget somewhere in the neighborhood of \$120 million a biennium.

The trouble with earmarking revenues from a sales tax is that it would mean additional taxes in the future and that is a poor policy to follow," Husband said.

More Clerical Help Sought by Assessor

An additional person for clerical help has been requested in the tentative county assessor's budget for the new fiscal year.

Estimated salary is \$2,995. Assessor Ray Schumacher said today. This would bring the total clerical help in the assessor's office to nine persons. Office personnel now include six field appraisers, one industry appraiser, one timber appraiser, and two draftsmen. Half of the timberman's salary is paid by the state, Schumacher said.

The additional clerical help is needed to keep up with the normal growth in work loads, Schumacher said. A total of \$2,000 was requested for extra help during the current year, the county assessor pointed out.

Expected to complicate work further in the assessor's office next fiscal year is the possible regrouping of school districts, which would mean new code areas for segregating county taxing districts would be needed.

Satellite Detection Fence To Defend Against Attack

Stations Strung Across Southern States Revealed

Silent Satellites Will Be Detected

Pasadena, Calif.—(UPI)—The United States has taken action to protect itself against a possible sneak satellite attack from outer space by creating a "satellite detection fence." This early warning system against satellites is "essentially completed" and consists of a series of detecting stations strung across the southern states, said Dr. W. L. Whitson, deputy chief scientist of the Advanced Research Projects Agency.

He addressed a meeting Thursday on "the realities of space exploration" held at California Institute of Technology. The three-day meeting ends Saturday.

These stations are equipped to detect silent satellites which emit no radio signal, Whitson said.

"Unfriendly satellites will not radio their position," he said. "We will have to detect them."

He pointed out the problem will become more acute as the number of satellites orbiting overhead increases.

"We are rapidly approaching the time when many satellites will be in orbit," he said. "We need the capability to track all kinds . . . We need a worldwide surveillance system."

"One of our major concerns in 10 years will be locating and keeping track of perhaps hundreds of satellites," he said. "We must be prepared to detect and identify all kinds."

While Whitson did not elaborate on the satellite threat, other scientific sources said it would be possible to put up nuclear-armed satellites which could orbit undetected but unsuspected—for some time before their deadly payload became known by being triggered to drop on some earth location.

Temperatures Drop To 25 Degrees Here
Temperatures dropped as low as 25 degrees in orchard areas of the Rogue River valley last night and this morning, but no orchard heating was necessary, according to the Jacksonville county extension office.

Twenty-five degrees is marginal for peaches and will not hurt years, Clifford B. Cordy, county extension agent, explained, if the trees are exposed to it for only short periods of time.

56 Million-Mile Roundtrip To Planet Reported

May Try Again Next September

Westport, Mass.—(UPI)—Man's first contact with another planet, a radar signal's 56-million mile roundtrip to Venus, was only the "tantalizing beginning" of many new things in science.

This was the prediction of Dr. Paul E. Green as he and his fellow scientists at Massachusetts Institute of Technology's Lincoln Laboratory have reported one of the major breakthroughs of the space age.

To Try Again
Dr. Herbert G. Weiss, who also worked on the project, was equally optimistic. He said the research team at the Millstone Hill installation would try to contact Venus again next September when it moves closer to earth. He also said the next step for the giant radar device here "could be Mars."

The history making brush with Venus was the first two-way contact with any celestial body beyond the moon. It afforded man his first chance to study the planet, which until now has only been a mysterious place which pops up frequently in science fiction.

Weiss also said that if there had been anybody on Venus and if they had a receiver, they could have picked up our radar signals "easy."

Smaller Size Figured
The Lincoln Lab's announcement late Thursday at a special press conference said "preliminary calculations . . . indicate that the dimensions of the solar system are somewhat smaller than the previously accepted value."

The experiment will enable research teams to accurately measure space distances, according to Green and Dr. Robert Price, the two men who led the team of scientists on the project. It also extended radar range about 100 times.

The experiment was performed over a year ago but was not fully evaluated until only recently.

Berrydale Sanitary Sewer Approved by Medford Council

The Berrydale sanitary sewer project gained unanimous approval from the Medford city council last night following a public hearing in the Jacksonville county courthouse auditorium.

City Manager Robert A. Duff said today that bids on the project will be opened April 13.

An estimated 180 persons, including more than 100 Berrydale residents, jammed the room for the meeting.

While no one rose from the floor to either support or totally reject the project, there were numerous questions and some pointed criticism of certain aspects.

William Doernbach, 143 Mace rd., was the most outspoken critic. He stated that the city "should put more than \$29,000 into the kitty."

The city council had agreed last August that the city should contribute this amount to the \$277,000 project from its sanitary sewer construction fund since part of the system would lie outside the city limits.

Doernbach said the sewer line to be laid outside the city could serve an estimated 200 acres when they were eventually annexed and became eligible for connection. Assessment against this property, now beyond the assessment district boundaries, could yield as much as \$65,000, he estimated.

Doernbach stated that this money would amount to a profit for the city which could not be refunded to taxpayers. He asserted that the city should contribute sufficient funds to the project now to balance the potential revenue.

The larger contribution, he pointed out, would lessen the immediate assessment burden to residents now within the district.

Duff read aloud 28 questions submitted in writing. Two other residents asked questions from the floor.

The written questions were answered by Duff, City Public Works Director Vernon Thorpe or Archie Rice, consulting engineer. They ranged from queries on how individual properties would be assessed to a request for information on future expansion of the system.

Residents Informed
Residents on the north side of Ellen ave., which is split down the middle by the city boundary, were informed they could not join their neighbors across the street in hooking up to the sewer until they were annexed.

One resident asked whether part of the project budget would have to be spent in acquiring rights of way across property along North Pacific highway.

"We do not anticipate," Duff replied, "that we are going to be involved in much expensive right of way purchasing in the district."

The council, after approving the project, authorized Duff later in the meeting to call for bids. Rice estimated in response to one question during the hearing that six to eight months will be required for the construction work.

(See Other Council Stories on Pages 2 & 6)

Lee Bishop, Former Medford Man, Oregon Education Citizen of Year

Portland—(UPI)—Lee P. Bishop, former Medford man, Oregon Education Citizen of Year by the Oregon Education association.

Bishop is president and manager of radio station KORE and treasurer and board member of KVAL-TV. Bishop's citation said that by his many activities in education he has exemplified

Jubilee Group Plans Newspaper

Jacksonville—A souvenir newspaper to help publicize the town of Jacksonville for the centennial year is being planned by the Jacksonville Gold Rush Jubilee committee.

It will focus attention on the celebration to be held Aug. 1 and 2.

The tabloid-size newspaper will be printed in the style of the 1800's with old-fashioned type and illustrations. News material and display ads will be patterned after old editorials.

It will be called the "Gold Rush Gazette." An initial run of 10,000 copies will be published for national promotion and sale. Funds raised by advertising and sales are earmarked for long-range plans to make repairs to the pioneer U.S. Hotel.

Ike Dunford and John Crabb are Jubilee general chairmen. Scotty Matheny and Russ Jamison are assigned to the newspaper project.

Persons interested in submitting historical re-print material or pictures for the newspaper may send the information to The Gold Rush Gazette temporary headquarters, 1230 Court st., Medford. The material will be returned if accompanied by a stamped, self-addressed envelope, Jamison said.

Publication is tentatively set for late April.

Corvallis—(UPI)—Eddie Glenn of Lestine is the public speaking champion of Oregon Future Farmers.



"Surely You've Heard of Supply-And-Demand"

Underground Center For Aerial Warfare

Washington—(UPI)—The Defense Department announced today an underground "combat operations center" will be built in the Cheyenne mountains near Colorado Springs, Colo., as aerial warfare can be directed from an invulnerable spot.