

# Cooperative Observers Recognized for Weather Bureau Recordings

By MAUDE ZIEGLER  
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For 20 years two Applegate Valley women patiently have tended their weather recording instruments for the U.S. weather bureau.

Recently they received length of service pins in recognition of their persevering work.

Mrs. Glenn Saltmarsh and Mrs. Bert Harr were presented pins by Robert Church, meteorologist in charge of the weather bureau station at the Medford airport.

Twenty-year pins also were presented recently to two other area cooperative observers, Orville C. Hamilton, superintendent of Modoc orchards, who tends instruments in the Table Rock area, and Everett Moore, superintendent of the fish hatchery at Butte Falls.

## Made At Grange Meeting

The presentation to Mrs. Saltmarsh and Mrs. Harr was made at a meeting of the Upper Applegate Grange.

Church referred to the women as part of a dedicated group of 10,000 workers throughout the nation whose continuous records over the years establish the climate of a locality. They are known as cooperative observers.

Gilbert Starnes, federal climatologist for Oregon, is supervisor of the program of substations over the state.

Mr. and Mrs. Henry Mapston also have tended rain and river recording instruments for the last four years. Other observers are Mr. and Mrs. Henry Head, and James J. McFadden on Williams creek. Weather recordings also are made at Star Ranger station by the forest service, to which the weather bureau has access, Church noted.

## Used By Engineers

The recording instruments used by Mrs. Harr and Mrs. Saltmarsh were brought into use by the Army Engineers in the late 1930s. Two types are installed at the Saltmarsh ranch.

One is called a "weighing rain gauge." The rain falls into a container mounted on a platform of a scale. The weight of the precipitation raises a pen which continuously records on a chart.

Record sheets are changed twice a week and during rainy weather twice a day or often. Minute measurements such as .02 of an inch are recorded, and the amount of rain falling in any set time period can be determined. The container will hold 12 inches of water.

## Second Instrument

The second instrument has an 8-inch funnel emptying into a cylinder, and the content is measured with a dip stick. During times of precipitation, measurements are taken at least once a day. Records are transferred to the Medford weather bureau once a month, and to the Weather Records Processing Center in San Francisco once a week. Church pointed out that it is desirable to have the instruments remain in one place for as many years as possible, because of the use of the records for climatic calculations, and because road engineers use the records in designing culverts and bridges.

Church has been with the U.S. weather bureau in the Northwest for 30 years, having started in Pasco, Wash. He later worked in Pendleton, Spokane, Seattle regional office, and in Glasgow, Mont., where he established headquarters, using packing crates, borrowed chair, typewriter and stand as beginning office equipment.

## Recreation Study Report Available

Copies of the Oregon state highway department's study of Oregon outdoor recreation are now available, according to a letter by L. V. Espey, Medford, executive secretary for the Oregon County Parks Association.

The report recommends park management courses for colleges and universities. Espey suggested that a prior questionnaire on this recommendation be returned to the county parks association as soon as possible.

Potential parks and recreation resources in Oregon are emphasized in the report. Espey noted. Agencies and private groups can use the report as a basis for planning.

Oregon has spent 26 per cent more money than federal agencies on recreational development, yet the federal government owns 30 times more land. Congress should be urged to appropriate more money so "federal agencies can carry out their responsibilities," Espey recommended.

The fall meeting of the County Parks association will include such speakers as Gov. Mark Hatfield and State Highway Commission Chairman Glenn Jackson.



APPELATE OBSERVERS—Robert Church, meteorologist with the U.S. Weather bureau, presents pins to Mrs. Bert Harr, center, and Mrs. Glenn Saltmarsh, honoring them for 20 years of weather observing in the Applegate valley area.



HONORED — Orville C. Hamilton, right, superintendent of Modoc orchards, receives a 20-year pin from Robert Church of the U.S. weather bureau at Medford for his efforts as a weather observer in the Table Rock area. Hamilton took over the measuring equipment in 1941. The station itself was established in 1915.

Detroit — One - seventh of U.S. workers are in highway



GETS PIN—Sid D. Howick, right, field aide for hydroclimatology with the federal climatologist's office in Portland, presents 20-year service pin to Everett Moore, who is a weather observer in the Butte Falls area. Moore serves as superintendent of the state fish hatchery at Butte Falls. At left is a weighing type of precipitation measuring device, which measures rainfall by the weight of the water collected. In the center foreground is the older manual (dip stick) type of precipitation measurer. Rain falls into an opening eight inches in diameter, then is directed into a tube exactly one-tenth its sectional area. One tenth of an inch shown on the dip stick, therefore, actually represents .01 inch of precipitation.

## Eichelberger To Travel To Japan

Stephen Eichelberger, son of Mr. and Mrs. Sharon Eichelberger, 3367 Forrest ave., Medford, plans to leave early in September for Japan where he will take part in the Experiment in International Living as a student at Lewis and Clark college.

Eichelberger, who will be a freshman at the college, is a graduate of Medford High school. He was admitted with honors to Lewis and Clark. The experimental program includes a month living with a Japanese family in Ashiya, Japan, before he travels to Kyoto.

In Kyoto he will join other freshman students in the program. They will live in a student home, where they will pursue individual studies. The students will be supervised by a representative of the

Experiment in International Living and a representative of Lewis and Clark college.

## Oregonians Urged To Be Immunized

Portland—(UPI)—Oregon residents have been warned to protect themselves against diseases where protection is available.

The warning was made in a statement by Dr. Walter A. Goss, chairman of the public health committee of the Oregon Medical Society and Dr. Richard H. Wilcox, state health officer.

## DIVORCE GROUNDS

Albany — A life prison sentence in New York automatically operates as a decree of divorce if the prisoner is married.

## Don't Miss the 34th Southern Oregon GOLF CHAMPIONSHIPS AT THE ROGUE VALLEY COUNTRY CLUB

Starting next Wednesday, August 29th, the highlight of the golf year will be staged on the beautiful greens at the Rogue Valley Country Club. A field of 432 men and women golfers, including defending champions, Oregon's new champion and other top-flight mashie and niblick artists will compete. Join the gallery . . . join the fun at this biggest tournament in southern Oregon golf history!



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