

OSC Gets \$30,000 Grant For Army Weather Research

OREGON STATE COLLEGE—Use of radar and other new electronic devices for forecasting and observing weather are under study by the Oregon State college physics department with a new \$31,000 grant from the U S army signal corps engineering laboratories.

Started a year ago, the study involves development of latest techniques for predicting weather elements significant for army operations. Dr Fred Decker, assistant professor of physics, is project leader. Last year's grant for the work was \$29,000.

Studies, though particularly keyed to army needs in various military situations involving communications, transportation and weapon utilization, will have wide application in other fields, Decker pointed out.

A portable weather radar trailer is being used to make special storm observations in the Cascade and Coast Mountain ranges and the merits of fixed weather radar and the portable equipment will be compared.

Techniques for forecasting the onset and paths of severe storms, for determining storm intensity and duration, lightning occurrence, wind and temperature changes, freezing and thawing, and occurrence of fog will be examined during the coming year.

Radio positioning of lightning discharges, high altitude photogrammetry data will be used.

Graduate students performing meteorological studies connected with the project are Herbert Kershaw and Cloan Powell of Corvallis, Radar and other electronics techniques have been studied by Robert Hunsicker and Julian Pike, Portland; Robert W Sutton, Medford; Allen Fulmer, Salem; and Arthur Hershman, Valparaiso, Ind.

Earlier, Decker participated in a two-year research project for the signal corps on weather effects on army operations as revealed in tactical histories of World War II and the Korean conflict.

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Half of Oregon Farm Products Sold Elsewhere

More than \$200 million are added to Oregon's economy each year by farm products shipped to out-of-state markets, according to Oregon State college agricultural economists.

Out-of-state sales account for about one out of every two dollars taken in by Oregon farmers. In the case of some specialty crops—such as Oregon's \$15 million annual pear crop—upwards of 90 percent are sold outside the state.

Crops with more than 90 percent of farm receipts from shipments to out-of-state markets include snap beans and strawberries, each grossing around \$10 million a year.

Other berries, filberts, peppermint oil, hops, cannerly beets, green peas, cherries, prunes, and more than a dozen grass and legume seed crops are in the 90 percent-plus groups highly dependent on outside markets.

Wheat and cattle top the outside market list for dollar volume. More than three-fourths of the cash income for Oregon's \$50 million annual wheat crop comes from outside the state, and one-fourth to one-half the \$60 million yearly sales of cattle and calves are out-of-state.

The OSC economists say sales outside the state probably account for 75 to 90 percent of the cash income from farm forest products—a \$15 million yearly business—and from such crops as onions, walnuts, sweet corn, and barley.

Between half and three-fourths of the farm income originates outside the state for Oregon's \$12 million potato harvest, the \$5 million apple crop, sheep and lambs, wool, turkeys, red clover seed, carrots, and cauliflower.

Justice and Municipal Courts

Dennis Doyle Doherty, no operators license, \$10 fine.

PARENTS OF SON

Mr and Mrs Forrest Burkenbine are the parents of an 8 lb 7 1/2 ounce boy born May 25 at Pioneer Memorial hospital. He has been named Forrest Allen. Grandparents are Mrs Herb Case and Glenn Long of Heppner, and Reese Burkenbine of El Paso, Texas. Great grandparents are E L Matteson of Milton-Freewater, Mrs Jessie Griffin and Mrs Marion Hayden, Heppner; and the great-great-grandmother is Mrs George Mead of Everett, Washington.

STARTS SUMMER SCHEDULE

The Heppner Christian church will begin early services this Sunday. It was announced this week. Bible school will be at 9 o'clock and morning worship at 10. The schedule will continue until September 1.

Canned Meats Grace Breakfast



Canned meats so associated with luncheon and dinner menus provide variety and heartiness at breakfast too. For example, ever-popular corned beef hash may be topped with baked or poached eggs. Pork sausage, canned in link, bulk and patty styles, makes a fine team with plain or blueberry pancakes. And scrambled eggs are the better for an addition of spicy deviled ham.

The 12-ounce loaf of luncheon meat, and the 12-ounce packs of beef, veal and chopped ham may be sliced and pan-broiled as breakfast meats.

Baked Hash 'n' Eggs

1 can (1 pound) corned beef hash
4 eggs
Salt
Pepper

Divide corned beef hash into 4 individual baking dishes. Bake in a moderate oven (350° F.) 20 minutes. Make a depression in hash for eggs. Break an egg into each dish. Sprinkle lightly with salt and pepper. Continue baking until eggs are set, about 12 minutes. YIELD: 4 servings.

Party Scrambled Ham 'n' Eggs

1 dozen eggs
1/2 cup milk
2 small cans (2 1/2 ounces each) deviled ham
1/2 teaspoon salt
1/4 teaspoon Tabasco
4 tablespoons (1/2 stick) butter
Paprika

Break eggs into large mixing bowl. Add milk, deviled ham, salt and Tabasco; beat with rotary beater until foamy. Melt butter in chafing dish or large skillet; pour in egg mixture. Cook over medium heat, stirring from bottom and sides as eggs become firm. Continue until eggs are thick and creamy. To serve, sprinkle with paprika. YIELD: 6 servings.

TO EDIT PUBLICATION

Mary Jo Stewart, daughter of Mr and Mrs Joe Stewart, has been elected editor of the publication put out by Kwama, sophomore women's honorary at the University of Oregon at Eugene.

JUST 30 YEARS AGO

Thirty years ago this week Mr and Mrs George Thomas of Portland came here to visit his brother Ben Thomas and his cousin Joe Batty of Eightmile. This week Mr and Mrs George Thomas of Portland are visiting their daughter and son-in-law, Mr and Mrs Dallas Craber.

TO HAVE SILVER TEA

The Lexington Christian church is sponsoring a silver tea Tuesday afternoon, June 3 from 2:00 to 4:00 pm. Everyone is welcome.

OFFICE CLOSED

Dr and Mrs Robert W Pfeiffer and daughter Carolyn will be in Portland Friday, Saturday and Sunday to attend homecoming, graduation and an alumni meeting of Western States college. They will also visit her parents, Mr and Mrs James Murray.

WRONG DATE GIVEN

Heppner track coach Jim Malon this week advised local track men that he had advised them of the wrong date for the Junior Olympics. They will be held at Grant Bowl in Portland on Saturday, June 7. All track men who won 1st, 2nd or 3rd places in the county are eligible for the competition.

EXAMINER COMING

A drivers license examiner will be at the court house in Heppner on Tuesday, June 3, from 9:30 to 3:30 pm.

GUESTS HERE

Mr and Mrs Whitmer Wright of La Grande were house guests of Mrs Harry Duvall during the weekend. Other guests Sunday were Mrs Duvall's sister and husband, Mr and Mrs Niel White of Pilot Rock and a distant relative, Mrs Bertha McCabe of Fruitland, Idaho.

When Mrs McCabe was a girl she lived on a homestead north of Lexington with her parents, Mr and Mrs Ross Wiles. This was her first visit here in 45 years.

Mrs Kemp Dick and son, Daryl were in Portland Monday and Tuesday.

Local News In Brief

Emil Groshens and David George visited relatives at Midvale, Idaho, the first of the week. Mr and Mrs Gordon Pratt and children met friends from Walla Walla at Sacajawea State Park near Pasco on Sunday and enjoyed a picnic.

Harry Groshens of Portland, a former Heppner resident, was here for the graduation of his nephew and niece, Carol and Eddie Groshens, and visited at the home of his brother, Victor.

Mrs Claude Graham and daughter, Helen drove to Portland last weekend. They were accompanied by Miss Judy Collins and Miss Carol Groshens who went on to Cottage Grove to visit with an aunt of Judy's.

County commissioner, Russell Miller was in the county seat Tuesday to attend a meeting of the county court.

Miss Celia Boulden went to Portland Tuesday to visit Carolyn Church while her parents attended meetings in Corvallis and Portland.

Erling Thompson and sons, Carl and Eldon of McMinnville were in Heppner over the weekend. The Thompsons farmed in the Gooseberry area about fifteen years ago.

Mr and Mrs Raymond Ferguson left Friday for Everett, Washington to take their daughter and family, Mrs Robert Kelly, Luanne and Shannon, home after an extended visit with her parents.

Mr and Mrs Bernard Damon and Mr and Mrs Monte Carnes of LaGrande were here Wednesday evening to attend the high school graduation.

Mrs Harley Anderson of Mesa, Arizona arrived in Heppner on Thursday to spend the summer.

Alfred Mattoon returned the last of the week from a business trip to Portland.

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