

MAP OF SALEM IS PUBLISHED

United States Geological Survey Turns Out Up to Date Work

A new topographic map of the area known as the Salem quadrangle has recently been published by the United States geological survey, in cooperation with the state of Oregon.

This map represents by far the most complete survey ever made of this section of the state. It shows so clearly every physical feature of the quadrangle that the character of any part of it, as well as the shapes of the hills and valleys, can be seen at a glance, and the altitude of any particular point can be easily determined.

The relief of the country is graphically shown by means of brown contour lines, each one of which represents a certain altitude above the sea. The traveler walking along the course shown by one of the contour lines will go neither up hill nor down hill but on a level. That such a map is of prime value to the engineer who may be laying out a railroad or trolley route, a highway, a drainage or irrigation system goes without saying, but it is also of great value to the average citizen. Farmers and automobilists, for instance, buy thousands of maps. In addition to the land and water features, the map shows, in black, all the works of man—roads, bridges, towns, houses, etc.

The topographic mapping done by the geological survey represents the highest type of geographic work, and the maps show substantially everything as it is on the ground at the time of the survey. In making the survey for this particular map the topographic engineers tramped over nearly every part of the quadrangle, hundreds of miles being thus covered. Permanent iron bench

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Emil A. Schaefer, druggist, Salem, and at the best drug store in every town and city in the country.

marks, showing exact altitudes, were also set at numerous points in the quadrangle. The location of these marks is indicated accurately on the map, and they can be used for all time as the basis for any further surveys desired. Map making of this sort is a very different undertaking from that of constructing the average map at a desk—generally a matter of mere approximation and compilation. Everything on the geological survey topographic sheet is exact and true to nature.

This sheet forms but one small section of the great topographic atlas of the United States, which the geological survey is making and which will be the largest and yet the most detailed atlas in the world. When completed this map will be approximately an acre in extent. Already more than 2,300 of these sheets have been completed, cover-

ing nearly 42 per cent of the United States.

In some parts of the country much of the work is carried through rough and almost impassable areas, with dense forests, insurmountable precipices, or deep morasses. Hundreds of temporary camps are made during each field season, at altitudes ranging from above snow line to below sea level. All this work is followed by an enormous amount of office drafting, and the task is finally completed in examples of copperplate engraving and lithographic printing second to no others in the world.

The cost to the government of these quadrangle surveys, for both field and office work, ranges from \$3,500 to \$8,000 each; but the maps are sold at only about the cost of paper and printing—10 cents a copy or \$3 for fifty copies.

The director of the geological survey will furnish without charge index sheets showing the published topographic maps of areas in any state.

PEOPLE EAGER FOR BOND DRIVE

John K. Kollock of Portland Finds Enthusiastic Spirit in Valley

B. W. COWGILL, Coming over on the train Monday afternoon, after holding an enthusiastic liberty loan meeting at Newport, John K. Kollock, the special organizer of the state central committee, said:

"I have never addressed a more enthusiastic bunch of committeemen and workers than I have on this trip, since I left Salem last Tuesday. In fact there is nothing more to be said about them.

"Take it at Newport, for instance, Ed. Abby is the chairman of all the committees for Lincoln county and their workers, not only for Newport proper, but for the outlying towns of Yaquina, Toledo, Siletz, Waldport, Elk City and Eddyville. There were upwards of 150 chairmen, committee members and workers, with Mr. Hawkins, chairman of the committee in charge of the work of selling the third issue of liberty loan bonds in Newport proper and the beauty of it all is that they are ready to go to work in the morning, but will hold back until they receive their supply of 'Liberty Bells,' on April 5th, which will be hung on every door knob that county, and will say 'Ring me again!'"

Corvallis Hearing Good. At Corvallis there was a bigger meeting than ever. Three hundred workers assembled in the circuit court room Wednesday afternoon, and A. J. Johnson, chairman of Benton county, has left the bank, where he is president, and is now giving his entire time to the work.

At Dallas, I first addressed the council of defense which held a meeting in the morning, and the liberty loan committee met in the afternoon—and it was the same bunch of boosters. Robert C. Stanfield, Ben Selling and L. J. Adams were present, and each made an address. Three hundred of the representative citizens of Polk county took part in these meetings.

Liberty Bonds First. "The slogan at each meeting, by unanimous vote, was that all other drives to solicit funds for the Red Cross, Armenian relief, Belgian relief, Y. M. C. A. war fund, or any other meritorious and necessary war fund, will be side tracked until there is a good start made on April 5, towards raising the \$6,000,000,000

SALEM GIRL COMING



Margorita Fischer, Pollard-Mutual Star.

Salem's own daughter, now appearing as one of the most beautiful stars of serendipity Miss Fischer will be seen in her very latest and one of her very best productions "Miss Jackie of the Army" at the Bligh theatre on Thursday and Friday of this week Manager Bligh, having seen this picture claim that it is the best that Miss Fischer has ever made, even better than "Miss Jackie of the Navy" which was run at the Liberty a few months ago and broke all records for attendance. The admission price at the Bligh theatre evenings 15c, matinees 10c and children 5c and this includes the war tax.

war fund for the government, which it must have by the end of April.

"At the meeting of the council of defense in Albany, held Saturday, Chairman Gilbert presiding, the school board of Albany, by unanimous vote, decided that from now on the German language will not be taught in the public schools. This is the kind of action that should be taken by every school board in the state. But only a few have thus far taken any action on the subject.

"I may return to Salem soon, but am going through to Portland tonight, and cannot tell what instructions may be waiting for me there. But just one last word. Tell your people in Salem that this is war, with a big 'W' and Uncle Sam needs the money with which to fight Prussianism. Just look at the dispatches received today—does it look as if we could lay down now without another stroke for liberty?"

Under the English law a woman cannot marry her deceased husband's brother.

PUT ON FEW DROPS AND LIFT OUT CORN

Try this Yourself, Then Pass It Along to Others. It Works!

Good things should be passed along. It is now said that a few drops of a drug called freezone applied directly upon a tender, aching corn relieves the soreness and soon the entire corn, root and all, can be lifted out without pain.

For little cost a quarter of an ounce of freezone can be obtained from any drug store which is claimed to remove every hard or soft corn or callus from one's feet.

This is a drug recently announced from Cincinnati. It is gummy but dries the moment it is applied and simply shrivels up the corn without inflaming or even irritating the healthy tissues or skin.

Cut this out and lay it on your wife's dresser.

HOME SERVICE LECTURE GIVEN

F. P. Foisse Delivers First in Series for Willamette Chapter

Both Monday afternoon and evening there gathered in the auditorium of the commercial club representatives of the Red Cross and others to hear the first of a series of lectures on "Home Service," the first one being given by F. P. Foisse, director of the home service work for the northwest. His headquarters are in Seattle.

The object of this particular branch of the Red Cross work is to look after the welfare and morale of the families of soldiers and sailors "from camp, from battle line, from shipboard the soldiers and sailors of the United States are sending a message to the people on this side the trenches. It is a message that is variously expressed. Sometimes it is to be read between the lines of a letter, such as this:

"To the American Red Cross: 'I wish to extend my sincere thanks to you for going to aid my wife and child whom I asked you to help last week. My wife wrote me that you came to see her. I highly appreciate this. I can soldier better now.'

"Thus," Mr. Foisse said, "we are caring for the families of soldiers and sailors who are in the trenches. Children have to be looked to as well as the houses in which these families live. The government, of course, makes certain provisions for this, life insurance, etc., but it requires personal attention on the part of some one to see that the ordinary comforts of life are not lacking to the families of soldiers and sailors. Many families are backward in letting their necessities be known, and it is especially true in the case of children.

"It is our mission to keep the home fires burning, and there are many ways in which it can be done."

Dr. De Busk of the University of Oregon will be the next lecturer to be heard in this series at the commercial club auditorium next Monday night on the subject of "Child Welfare," and he will be followed about three weeks later by Dr. Schaeffer on the subject, "Community Resources."

DON H. MOORE WRITES HOME

Home Looks Good to Salem Man After Trying Out Life in France

Don H. Moore, intelligence section first United States engineers, a Salem boy, writes from "somewhere" in France to his people in Salem. His parents are Mr. and Mrs. J. G. Moore, 544 North Commercial St. Under date of February 22, he writes:

"Well, how is every one at home? 'Received three good letters today, one from Patty (wife), one from Mr. Rogers, and, much to my surprise, one from Jim Gulich, and I sure enjoyed it, but, much to my regret, not one from home.

"Well, mother, I am fine and dandy. Couldn't be feeling better. 'We are having some pretty nice weather now, but the spring rains will soon begin, I guess, and I dread them, too, for the mud is awful now. 'I had a nice little trip up where the big guns were breaking, but I am back in the office for a while now.

"Well, mother dear, there is no news, so I can't write a very long letter, and I have a big bunch of work stacked up here on my table, so I guess I had better get at it.

"Give my love to all, and be sure to write. I am sure anxious to get a letter from you and father.

"Had a nice turkey dinner today, but it was nothing like it would have been if my mother had cooked it.

"Believe me, if one don't realize what a home is, let him come to

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France and he will be mighty glad to go back home the first chance he gets. You will have a hard time ever getting me to leave home once I get there."

His address is Don H. Moore, intelligence section, First United States Engineers, A. E. F., France.

Marion County Adds Many To New Rainbow Regiment

More than two dozen Marion county school children were yesterday added to the enrollment for the second Junior Rainbow regiment. They are: Archie Rankin, school district No. 12, Silverton; Helen Mitchell, 645 Ferry street, Salem; Lucile Thompson, 241 Liberty street, Salem; Weldon Kirk, 1055 Marion street, Salem; Winifred Forcier, Gervais; Alvin Halvorson, Silverton, district No. 32; George Brokke, Silverton, district No. 4.

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