

# UMPUQA STUDIED FOR BETTERMENT IN NAVIGABILITY

Growing Importance of River As Commerce Outlet for Southwestern Oregon Is Seen by Army Engineers

By JOHN L. WHEELER (AP Oregon Correspondent) WASHINGTON, July 1.—(AP)—The growing importance of the Umpqua river as an outlet for southwestern Oregon, commerce has caused army engineers to devote more and more attention to improvement of the stream.

At Reedsport, once a bustling little seaport, with vessels making regular stops to load lumber and other products of the region, ocean traffic dropped with the passing of the schooner.

Now, residents of the community are looking forward to a revival of trade. They even expect to see considerable shipping on the stream far above the town.

The war department has set aside \$280,000 for extension of the south jetty at the mouth of the Umpqua, and stream surveys have been authorized from Scottsburg to Roseburg.

The last rivers and harbors act also authorized channel improvement in the river to a point 2200

feet above the Southern Pacific railroad bridge. The project, costing an estimated \$273,000, would include a channel 200 feet wide and 22 feet deep at low water, and a turning basin. Funds must be appropriated for the work.

The act also authorizes a survey which would review previous reports on the possibility of developing navigation facilities in conjunction with power development, flood control and navigation.

The army engineers are at present engaged in a comprehensive study of the river with the view of flood control. Sufficient funds have been made available by the war department for a completion of this work.

The national park service estimated today it had spent \$122,879 for park development and \$198,403 for recreational demonstration areas

in Oregon during the year ended September 30, 1937. The figures, officials said, did not include the cost of civilian conservation corps crews, which did a large part of the labor.

## Students At O. S. C. Find Batching Pays

CORVALLIS, Ore., July 1.—(AP)—Two hundred and fifty-five enterprising young students made "batching" pay in inexpensive apartments at Oregon State college last year.

Mrs. Lulu Howard, employment and housing secretary, said the student housekeepers spent an average of \$15 a month for room and board compared with \$30 in regular living quarters.

Nearly 200 steady positions were available for the 1299 students who applied for work. Wages for all work, including about 3054 odd jobs, totaled \$44,876.

# UNITED ENDS 11TH YEAR ON PIONEER TRANS-NATION RUN

Eleven years of operation over its pioneer Pacific coast-Chicago-New York airway was completed today by United Air Lines as its planes chalked up the company's 23,000th coast-to-coast flight in air passenger-mail-express operations.

It was on July 1, 1927, that Boeing Air Transport, a predecessor division of United, took over operation of the mid-continent air route from the postoffice department which origi-

nally established it in 1920. Single-engined mail planes with small cabins for but two passengers carried the nation's first fare-paying coast-to-coast air travelers. Scheduled time across the continent was 30 hours and 45 minutes; the fare \$400. Pilots flew without the aid of radio communication and with only a few airway navigating facilities.

Today, United's giant twin-motored, 12-ton Mainliners operate on overnight schedules from coast to coast with an elapsed time of 18½ hours for the entire transcontinental trip and with but three stops en route. Radio communication and other modern airline facilities all are part of the 1938 picture.

In the last eleven years United's planes have recorded approximately 100,000,000 miles of flying over the mid-continent route, with almost 40,000,000 miles of this total having been flown at night.

# HISTAMINE DISCOVERY AS AID IN DIAGNOSES WINS SCIENCE AWARD

OTTAWA, July 1.—(AP)—One of the world's youngest scientists, 28-year-old Dr. Charles F. Code of the Mayo Foundation, Rochester, Minn., today was awarded the Theobald Smith medal of the American Association for the advance of science.

The award, one of the highest honors in American science, was made to Dr. Code, a Canadian, in recognition of his discovery that the chemical histamine is normally present in human blood and when present

in abnormal amounts indicated tubercular infection or an allergic reaction to the presence of foreign proteins in the body.

When histamine is present in abnormal amounts in the blood it produces a physical condition resembling surgical shock or the reaction which follows severe burns, both of which are often death-dealing conditions due to an upsetting of the balance of chemical elements in the body.

One of the possibilities opened up by his research work is the differentiation of diseases now difficult to diagnose by making more careful and precise chemical analyses of blood samples, the award committee pointed out. As an example they said Dr. Code had found that persons suffering from allergic reactions, such as hay fever and asthma, had a relatively large quantity of histamine circulating freely in their blood.

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When we tasted them our first thought was, "These would be mighty good with ice tea." Well, we have the cookies ready and believe you too will like them with ice tea. We bought an assortment of fine Ice Tea Pitchers to go with them and here is our offer.

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A fine assortment of White and Chocolate Layer and Angel Food . . . all by Betty Crocker  
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## KIST BEVERAGES

- Sparkling Lemon
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  - Lime Rickey
- Big 29 oz. bottle  
**Choice 15c**
- Snider's Orange Pop or Root Beer  
Big 29 oz. bottle . . . . . 2 for 25c

**Fresh Potato Chips**  
Made Today for Tomorrow  
Parker's Potato Chips  
Costs no more to have 'em fresh.



**GOOD OLD SUMMER TIME**

more fun it will be if they are so good that you will go back for another and yet another.

Well, we had Huber make us some special roasting Weiners.—For the Hamburgers we have the finest Steer Beef ground just right for the picnic sandwich.

Take along the food that furnishes the most fun—and add to the fun with Groceteria Goodness.

**ONE POUND GROUND STEER BEEF With 1/2 Doz. HAMBURGER BUNS . . . . 25c**

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# Fourth of July Savings In the Groceterias

"FOODS ARE FRESHEST WHERE SOLD FASTEST"

- Del Rogue Tomato Juice 46 oz. can . . . . . 2 for 35c
- Sunshine Marshmallows pound pkg. . . . . 15c
- Lindsay's Medium Ripe Olives No. 1 tall can . . . . . 12c
- Del Monte Early Garden Peas No. 303 can . . . . . 12c

**STORE CLOSED SUNDAY Open July 4th**

- Knight's Pickles 8 oz. bottle . . . . . 15c (Sweet Mixed, Chow Chow, Pickle, Sour)
- Del Rogue Apple Juice No. 1 can, 2 for 15c; 3 qt. can . . . . . 39c (A dandy picnic drink for the children . . . blends perfectly with other beverages.)
- Dickinson's Pure Grapejuice pints . . . . . 19c
- C. H. B. Catsup, 14 oz. bot. 12c

- Blue Plate Dry Pack Small Shrimp 2 cans . . . . . 25c
- Belle Island Tuna Finsh (fancy) No. 1/4 can . . . . . 10c
- Sperry's Pancake Flour, 4 pound bag . . . 27c
- Crisco (camp size) 1 pound can . . . . . 19c
- Underwood's Deviled Ham, No. 1/4 can . 12c
- Pabst Cheese (American or brick) 2 lb. box . . . . . 44c
- Pabst Swiss Cheese, 2 lb. box . . . . . 49c
- Milk (small can any brand), . . . . 4 cans 13c
- Karo Syrup, 5 lb. can . . . . . 33c
- Sunshine Nobility assorted Cookies . . . 29c
- Sunshine Smacks . . . . . 15c
- Armour's Star Corned Beef, No. 1 can . 17c
- Kingan's Pork Sausage, can . . . . . 23c

- Golden West Coffee, 1 lb. can 26c; 3 lb. 73c (Drip or regular grind.)
- Z-Mor-U Coffee . . . . . 1 lb. 23c; 2 lbs. 45c (Ground to suit your coffeepot. Freshest and best.)
- Folger's Coffee (drip or regular) 2 lb. can . . . . . 53c
- Elbow Cut Macaroni, 3 lb. pkg. . . . . 14c
- Camay Toilet Soap, 3 bars . . . . . 17c
- P & G White Laundry Soap regular bar, 10 for 30c; large, 7 bars 25c
- Ivory Soap, medium bar . . . . . 4 for 22c
- Oxydol, large pkg. . . . . 20c
- Dash Granulated Soap, family pkg. . . 25c
- Home Purity Mayonnaise, pint 22c; qt. 39c
- Schillings Orange Pekoe Tea, 1/2 lb. pkg. 33c
- Schillings Green Japan Tea, 1/2 lb. pkg 25c

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- Huber's Liver Sausage pound . . . . . 17c
- Huber's Bologna pound . . . . . 17c
- Huber's Metwurst pound . . . . . 25c (A meal in 10 minutes.)
- Fancy Light Breakfast Bacon (sliced), pound . . 39c
- Medium Breakfast Bacon (sliced), pound . . . 33c (A little heavier bacon but mighty good flavor.)
- Potato Salad pint . . . . . 15c
- Knight's Sweet or Sour Pickles, pint . . . . . 15c
- Knight's Fancy Sweet Gherkins, pint . . . . . 25c
- Knight's Fancy Midget Sweets, pint . . . . . 25c
- Knight's India Relish pint . . . . . 15c
- Knight's Sweet Mixed Pickles, pint . . . . . 20c
- Steer Beef Roasts 15c-18c pound . . . . .
- Eastern Bacon pound . . . . . 25c (Not a light Bacon but very good.)

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Dandy Picnic Fryers, average weight about 1 1/2 pounds  
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