

Lowland Areas Everywhere Prepare for Spring Floods

Warm Chinooks Bring Bad News

By Edward L. A. Wagner

NEW YORK—(NEA)—The "Miracle of the Winds" looks like the next act scheduled by nature in its 1949 weather pageant.

And if the curtain rises on this part of winter's drama, the experts know that the plains states, which were battered by the worst series of blizzards in their history, will be in for spectacular floods along the Platte, Missouri and Mississippi rivers.

The "miracle winds" of the highlands are the "snow-eaters," the Chinooks that sweep down-slope off a mountain and become five degrees warmer for every 1000 feet they travel downward.

Thus, when a Chinook wind cuts loose in the Rockies and moves down from a cold, dry 13,000 feet, it picks up heat fast. By the time it reaches the lowlands, it can become 65 degrees warmer. The deepest snows evaporate like magic when these warm, thirsty downslope winds strike.

In the past, when this has occurred under the right conditions, deep snows have melted into thin air almost miraculously. Shepherds tending hungry, snow-bound flocks have seen the winds uncover the green grasses of the range lands for their starving sheep, and whole herds of cattle have been saved by the Chinook winds in late winter.

At Helena, Mont., a 10-inch snow cover disappeared overnight, leaving a dry surface the next morning. At Havre, Mont., records for March 7, 1900, show that the thermometer rose from

11 degrees to 42 degrees in three minutes. After several hours, it fell from 44 to 18, also in three minutes; the next day, in less than an hour, it rose again from 20 to 40 degrees.

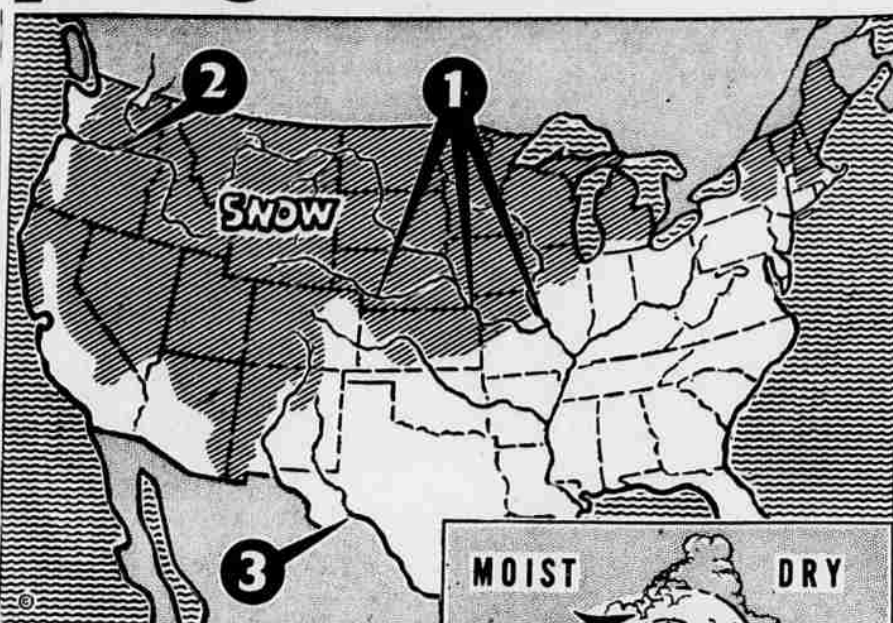
While cattlemen and sheep raisers welcome such helpful tricks of the "miracle winds," a development like that right now could bring watery disaster in the lowlands of the Great Plains. Weather Bureau forecasters point out that the melting snows would release flood waters of all the rivers which have their origin in the great mountain ranges of the West.

In addition to the "snow-eating" winds which would menace river valleys east of the Rockies, any prolonged temperature rises would endanger lowlands along the Columbia River in the Northwest and along the Rio Grande in the Southwest.

River forecasters at Kansas City, El Paso, Tex., and Portland, Ore., are watching thermometers and wind reports with critical eyes these days for the flood warnings.

Since the Rio Grande is farthest south, it is most likely to be the first river affected. Its origins are in the southern Rockies, and if it floods, the truck gardeners with farms and ranches along its banks in Texas and Mexico will suffer heavy losses.

But the "miracle winds," the



THE STAGE IS SET for weather's next big act of 1949. As snows melt in the present snow-covered area of the U.S. (shaded portion, above), the flood menace looms. "Miracle Winds" moving across the Rockies from the west could bring disaster along the Platte, Missouri and Mississippi rivers (1); sudden temperature rises would endanger the Columbia (2) and Rio Grande (3) river areas. Diagram at right shows how moist cold air of the "Miracle Winds" drops its moisture on the way down to eat away the snows.

sun, or even prolonged rains could upset this weather logic and send the melting snows into the Platte, Missouri or Columbia rivers first. Floods along these great rivers — and on into the Mississippi — are certain sometime soon.

Vetch Deadline For Certification Nears

Farmers wishing to enter Willamette vetch for certification must fill out their applications this week in the office of County Extension Agent O. S. Fletcher. The deadline for all applications is March 21.

Fletcher said that his office would like to receive all applications by Saturday, March 19. This will enable him to arrange for the field inspections which will begin the week of March 21.

EWEB May Call For Bond Bids

Calling of bids for bond issues will probably be decided on Monday night by the Eugene Water and Electric Board at its monthly meeting. Superintendent Ray Boals said Saturday.

The bond issues were approved by voters March 1. Harold H. King, assistant secretary of the board, has prepared a prospectus which gives possible bond buyers the board's financial condition.

Progress on the system's expansion program will be reported to the board, Boles said. Boles reported that the first shipment of a new generator at the Leaburg plant will arrive May 10. The shipment will be in three parts and will be completed June 10. The generator will be in service by the end of July.

Five carloads of parts have arrived for installation at the new Waltherville hydro-electric plant.

Boles said. Concrete work for the waterwheel is being poured and a crew is working on widening and improving the canal.

At the Eugene steam plant the steel skeleton for the building which will house another generator is going into place. Concrete work and other details are also being cleared up.

Bids are in but no contract has been let for a yarder which will move hogged fuel from storage to the new boiler, Boles said.

Owls live mostly on food, captured alive, and other small mammals as birds of various

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1947 FORD \$1595

Super Deluxe Tudor, R & H. Like new, 17,775 miles. 1359 East 22nd. Ph. 6548-R.

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1946 DODGE Cpe. Looks fine, runs good. Tires almost new. Terms if desired, price \$1450. L. G. Clark, Ph. Spfld. 2387 at noon or betwn. 5 and 7 p.m.

1941 LINCOLN Zephyr, excel. cond. Will sell equity or trade. Lawrence Sherry, 1 1/2 mi. W. of Crow on Vaughn Road.

1940 BUICK Special. Plenty references as to condition, will be furnished. M. E. Shedd, 381 Park Ave. Ph. 2072.

28 MODEL "A" good mechanical cond. \$175. 1551 "B" St., Spfld. Ph. 7848.

1937 4-dr. PLY. R & H. Body and motor above average. \$460. Ph. 4722-M, or 645 W. 18th Ave.

38 CHEV. Sdn. Will take \$100 for my equity. R & H. A real buy. 952 W. 10th Ave.

1948 CHEV. Aero-Sedan, like new. 2200 miles. \$1845. Owner. 2240 Onyx St.

41 PLYMOUTH 4-dr. sdn. R & H. good cond. Price \$850. 1177 "A" St., Spfld. Ph. 7287.

40 STUDEBAKER Champion with heater and overdrive. \$750. Ph. 4397-M.

1937 V-8 FORD nearly new motor, good tires. \$180. 317 Park Ave.

1939 CADILLAC Sedan, excellent condition. Ph. 5821.

39 FORD Deluxe Coach. 1896 Cleveland St. Ph. 532-R.

34 PONTIAC 2-dr. good cond. 290 Knapp Lane off Hauke Lane.

31 FORD pickup. \$150. Ph. 3105-J-3. 630 Kouri Dr.

1938 CHRYSLER SEDAN. Ph. 677-M.

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1941 Nash 600 Sedan, overhauled.

1939 Plymouth Coupe, very good.

1939 Chev. Tudor, nice clean car.

1938 Stude. Comm. Sedan, o'drive.

1937 Nash Amb. Sedan, o'drive.

1940 Intern. V. T. pick-up, tops.

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285-Y. 247 2nd St.

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900 West "M" Street, Spfld.

1948 FRAZER Manhattan. Good cond. Orig. owner. Priced for quick sale. Ph. 5480-J.

1938 BUICK Roadmaster 4 dr. Sdn. R & H. exceptionally clean.

585 W. 4th Ave.

37 PLYMOUTH Sdn., \$295; '34 Dodge Cpe. \$250. 1897 River View St.

1941 FORD Super Deluxe Tudor, excel. cond., priced at \$995

585 W. 4th Ave.

\$185 BUYS 1933 PLY. Sdn. Runs exceptionally well. Has fair body and tires. 464 E. 34th St.

1939 CHEVROLET Deluxe Tudor, exceptionally clean, R & H, priced at \$735. 565 W. 4th Ave.

FOR SALE: Chev. Master Coupe, good rubber, good cond. Priced to sell. Ph. 2483-J.

1936 OLDS. 4-dr. Sdn., 1 original owner, R & H. Priced at only \$450. 565 W. 4th Ave.

1941 BUICK 4-dr. sdn. R & H. Good shape. Priced \$850. See 1650 W. 15th Ave.

1947 FORD SEDAN, \$1275. Inq. Herb & Johns, Twin Totem Trailer Park, 99 So.

1939 DODGE 4-door sdn. Good tires. Mech. good. Body a little rough. \$485. 1792 Willamette St.

1938 PLY. Tudor, \$295, or trade for heavier car. Poplin's, 2560

1935 CHEV. \$75. You fix it. Inquire Signal Service Station at 6th and Olive St.

1933 PONTIAC SEDAN, \$135. Ph. 6256-J-3.

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36 BUICK Super Sedanette, A-1 cond. clean. White sidewall tires, 13000 miles. low mileage. Original owner. Priced right. Ph. 2975 or see at 1222 W. 7th Ave.

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37 DeSoto sedan, very nice looking, good running car at only \$300. 1601 Willamette. Phone 6018-M.

1947 FORD V-8 Tudor Sdn., extra clean, radio, heater, fog lights, no dealer. First owner. 18,000 miles. \$1365 cash. 865 1/2, N. 7th St., Spfld. Phone 2426.

PERFECT COND. '40 Olds. 6 pass. Cpe., has everything including new motor. Body in exc. cond. Priced at only \$850. See Teddy at Spfld. Plymouth Office.

1947 SUPER BUICK 4-dr. Sedan, accessories, excel. cond., reas. See the car at Bob & Ted's Richfield Service, 11th and Chambers.

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1940 LINCOLN ZEPHYR sdn. New motor, tires, good body. \$900. Ph. 6465. 510 Willagillespie Rd.

40 HUDSON "B" Cpe. Good cond. Lots of power. Reas. See at noon or after 5 p.m., all day Sun. 822 W. 21st Ave.

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48 PONTIAC Sedanette to trade equity for older model. Ph. 5778-W.

1941 FORD 5-pass. cpe. 954 W. 3rd St. Apt. 6. \$750.

Aircraft 970

FOR SALE—Stinson Voyager 180 H.P. 1947, outside baggage compartment, engine newly majored \$3500.

STINSON Station Wagon 165 H.P. 1948, blue, reglized, \$4800. For information contact SMITH-LIVINGSTON SERVICE, Box 531, Corvallis, Ore., Phone 1180.

FOUR-PLACE Waco cabin: 10 hrs. on engine; metal prop., \$1350. Aeronca Tandem, low time, \$750. Will take cars in on trade. Ph. 66-W.

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