

RAILROAD TIME TABLE
Time Card No. 54, Southern Pacific Co., Effective Sunday, Aug. 16, 1908.

Toward Portland, Passenger.
No. 16.—5:13 a. m.—Oregon Express.
No. 18.—8:40 a. m.—Cottage Grove passenger.
No. 12.—2:45 p. m.—Roseburg passenger.
No. 14.—9:13 p. m., Portland express.

Toward Portland, Freight.
No. 222.—5:0 p. m.—Portland fast freight.
No. 226.—10.40-11:28 a. m.—way freight.

Toward San Francisco, Passenger
No. 11.—11:03 a. m.—Roseburg passenger.
No. 17.—6:45 p. m.—Cottage Grove passenger.
No. 15.—9:56 p. m.—California express.

No. 13.—3:31 a. m.—San Francisco express.
Toward San Francisco, Freight.
No. 221.—2:43 a. m.—Portland fast freight.
No. 225.—11:28 a. m.—way freight.

OREGON ELECTRIC RAILWAY
Time Card Effective Nov. 15, 1908.

For: Leaves

Portland and Intermediate.
Local 6:40 a. m.
Portland-Hillsboro and Intermediate, Local 8:55 a. m.
Portland and Intermediate.
Local 11:15 a. m.
Portland and Intermediate.
Local 1:40 p. m.
Portland-Tualatin and Hillsboro, Limited 3:05 p. m.
Portland-Hillsboro and Intermediate, Local 4:00 p. m.
Portland and Intermediate.
Local 6:20 p. m.
Portland and Intermediate.
Local 8:40 p. m.

From: Arrives

Portland and Intermediate.
Local 8:25 a. m.
Portland-Hillsboro and Intermediate, Local 10:00 a. m.
Portland, Hillsboro and Tualatin, Limited 10:50 a. m.
Portland and Intermediate.
Local 1:00 p. m.
Portland-Hillsboro and Intermediate, Local 4:00 p. m.
Portland and Intermediate.
Local 5:45 p. m.
Portland and Intermediate.
Local 8:20 p. m.
Portland and Intermediate.
Local 10:40 p. m.

Feed Your Stock

You will find it cheaper to keep your stock in condition by feeding them good now than by trying to get them in shape after while.

Remember we have a complete sock of hay, straw, mill feed, chop, oats, wheat, corn, etc., and that our prices are right. If you want it delivered order early so as to give a chance to get it to you before you are out of feed. All kinds of poultry supplies in stock.

D. A. WHITE & SONS
255 N. Commercial St.
Phone 160 Salem, Oregon

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Headquarters for Woven Wire Fencing, Hop Wire, Barb Wire, Poultry Netting, Shingles, Malthead Roofing, P & B Ready Roofing.

All At Lowest Prices.

CHAS. D. MULLIGAN
250 Court St Phone 124

MEALS 15c

Call and try them. Meals 15c Board per week \$2.75, also furnished rooms very reasonable.

AT THE
Salem Restaurant
330 COURT STREET.

THE TOSS OF A PENNY ANALYZED

CHANCE AND THEORY CLASH.

If Heads Turn Ten Times In Sequence, Theory Says the Odds Are Against Another Head, Yet Chance Says the Odds on the Next Toss Are Even.

A famous mathematician, Professor Karl Pearson, once spent the greater part of his vacation deliberately tossing a shilling and making careful notes of how it fell. He spun the shilling 25,000 times, and a pupil of his, working separately spun a penny 8,200 times and also tested the drawing of 9,000 tickets from a bag.

It may seem strange that a learned professor should put himself to such an amount of trouble to demonstrate what every school-boy who had ever tossed a coin already knew. Yet, as a matter of fact, few really do grasp the laws which govern such an apparently straightforward matter as the tossing of a coin. In the words of the mathematician, the theory of "runs"—that is, heads turning up repeatedly—is precisely as follows:

The chance of a head is one-half; of two heads following, is one-half multiplied by one-half—that is, one quarter; of three heads in succession, one-half multiplied by one-half—that is, one-eighth. Now, what do you suppose is the chance of a run of eleven heads? It is safe to say that not many persons, however accustomed to tossing coins, have reasoned this out. The fact is that one "run" of 11 heads is on the average only to be expected in 2048 sets of coin tossing.

Although the man in the street may not have reckoned this, he is always quite positive that if, say, a coin has fallen ten times head upward he is safe to start backing tails. He puts his money on tails turning up because, he says, it stands to sense that the run of heads can't continue. But does it? At the eleventh toss the head of the coin is just as big as it ever was. What mysterious influence can a past event, the tossing of ten heads have on a future one which has no link with them—namely, the tossing of the coin the 11th time? Surely each toss is an event by itself, as Sir Hiram Maxim said of a game at roulette at Monte Carlo:

"It is a pure, unadulterated question of chance, and it is not influenced in the least by anything which has ever taken place before or that ever will take place in the future."

A nasty piece of plain speaking this for the cranks who had published schemes for "breaking the bank" and whose plans depended entirely on the theory that if one game ended in a win for "red" the chances against it ending "red" a second time were less, a third time less still, and so on.

This, of course, would be a sound enough argument provided that you regard some dozens of games of roulette or tosses of a coin all as one continuous event. It is quite safe, for instance, to offer beforehand big odds against a coin turning up heads ten times running, but in practice the public house loafer does not do this. What he does is to bet on each separate toss by itself, thus defeating his own aims. The odds against a coin turning up heads 11 times are, as has been shown, something like 2,000 to 1. But suppose you only start betting at the tenth toss. What are the odds against the eleventh toss again being a head?

The odds, so far from being 2,000 to 1, are actually 1 to 1. To use an Irishism, the odds are even—that is to say, if you split up the 11 tosses into 11 separate events to be bet on separately your bets should be "even money" all the time, however often heads turn up running. But if you view the 11 tosses as one combined event and you offer a preliminary bet against the whole 11 results being heads you will have to give gigantic odds.

All this goes to prove the absolute uncertainty of gambling. The greatest mathematicians of the day cannot be certain how a coin will fall, so that the man of merely average abilities who stakes anything important on the toss of a coin is allowing that part of his fortune to pass entirely outside his control.—Pearson's Weekly.

Folger's Golden Gate Coffee

Quality—clean—perfect

Your grocer will grind it—better if ground at home—not too fine.

OIL WELLS IN ONTARIO.

Continuous and successful drilling for the past week has put the oil well down now about 1900 feet. Nothing unusual has happened since drilling was resumed some two weeks ago, and the work has been going on steadily, the drill pounding down at the rate of twenty-five or more feet a day. Oil continues to show on every baffle full of debris brought up, and indications are fine every day. The formation is still a dark blue shale, the same that has been in evidence ever since the gas explosions a few weeks ago.

As we go to press a considerable pressure of gas is making some renewed disturbances. A light applied at the mouth of the well is burning high above the derrick.—Ontario Optimist.

Every Mother.

is or should be worried when the little ones have a cough or cold. It may lead to croup or pleurisy or pneumonia—then to something more serious. Ballard's Horehound Syrup will cure the trouble at once and prevent any complication. Sold by all dealers.

New York will erect a fine building on the grounds of the Alaska-Yukon-Pacific exposition to be held at Seattle next year. More than \$100,000 will probably be spent in participation on the part of the empire state.

Life 100,000 Years Ago.

Scientists have found in a cave in Switzerland bones of men, who lived 100,000 years ago, when life was in constant danger from wild beasts. Today the danger, as shown by A. W. Brown of Alexander, Me., is largely from deadly disease. "If it had not been for Dr. King's New Discovery, which cured me, I could not have lived," he writes, "suffering as I did from a severe lung trouble and stubborn cough." To cure Sore Throats, Colds, obstinate Coughs, and prevent Pneumonia, its the best medicine on earth. 50c and \$1.00. Guaranteed by J. C. Perry. Trial bottle free.

A woman always has faith in a man's judgment. She has previously seen to it that it is right.

Kennedy's Laxative Cough Syrup tastes nearly as good as maple sugar. It cures the cold by gently moving the bowels, and at the same time it is soothing for throat irritation, thereby stopping the cough. Sold by all druggists.

CASTORIA

For Infants and Children.
The Kind You Have Always Bought
Bears the Signature of *Wm. D. Hooper*

CHICHESTER'S PILLS

THE DIAMOND BRAND.
Ladies! Ask your Druggist for Chichester's Diamond Brand Pills in Red and Gold wrapper. Beware of cheap imitations. Take no other. Buy of your Druggist. Ask for CHICHESTER'S DIAMOND BRAND PILLS, or 32 years known as Best. Sold Always Genuine. CHICHESTER'S PILLS MANUFACTURED BY W. L. CHICHESTER, LTD., LONDON.

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We make up all kinds of underwear, Wrappers, Kimonos and Waists, Silks, Dress Goods, Ladies' and Gents' Furnishing Goods, Shoes, Blankets, Matting, Silk Handkerchiefs, etc. 326 N. Commercial St., Salem, Ore.

READY TAILORED CLOTHES FOR WELL DRESSED MEN.

The Raccoon System
PRICE RANGE \$20 TO \$40

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For the North Santiam Mining company, are still open for investors. A limited amount of stock is now for sale, at the LOW PRICE of 5c per share.

SAVAGE & HERREN

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125 S. COMMERCIAL ST.



A Meeting

At which your one desire is to appear at your best—something positively impossible when your linen is poorly laundered.

Your collar, shirt or cuff—or the shirt waist, neckpiece, etc., is just as important in your appearance as the clothes themselves.

If you bring them here they will be perfectly laundered and returned in A-1 condition.

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Telephone 25. 136-166 S. Liberty St

Wire Fencing Builders' Hardware Paint and Oil

GET IT OF **SALEM HARDWARE CO.**
120 Commercial St. Phone 172

The Pure Food Law.

Secretary Wilson says: "One of the objects of the law is to inform the consumer of the presence of certain harmful drugs in medicines." The law requires that the amount of chloroform, opium, morphine, and other habit forming drugs be stated on the label of each bottle. The manufacturers of Chamberlain's Cough Remedy have always claimed that their remedy did not contain any of these drugs, and the truth of this claim is now fully proven, as no mention of them is made on the label. This remedy is not only one of the safest, but one of the best in use for coughs and colds. Its value has been proven beyond question during the many years it has been in general use. For sale by Dr. Stone's drug store.

It is a question whether it is better to have loved and lost than never to have loved at all.

Growers of the Cactus Dahlia will make a growing exhibit of the flowers at the Alaska-Yukon-Pacific exposition next year. Foreign growers will also send exhibits. The Cactus Dahlia is the official flower of the exposition.

Sees Mother Grow Young.

"It would be hard to overstate the wonderful change in my mother since she began to use Electric Bitters," writes Mrs. W. L. Gilpatrick of Danforth, Me. "Although past 70 she seems really to be growing young again. She suffered untold misery from dyspepsia for 20 years. At last she could neither eat, drink nor sleep. Doctors gave her up and all remedies failed till Electric Bitters worked such wonders for her health." They invigorate all vital organs, cure Liver and Kidney troubles, induce sleep, impart strength and appetite. Only 50c at J. C. Perry's drug store.

NO NEED OF WET FEET

Why don't you purchase a pair of Rubber Shoes or Boots or a pair of my High-top Leather Shoes? See my line for the best in quality and price. One trial will prove it.

JACOB VOGT, The Shoe Man

A BARGAIN

FOR SALE—Modern improved home. New houses building in immediate vicinity. An opportunity for right party or an investment. Address, Capital Journal.

Gold Dust Flour

Made by THE SYDNEY POWER COMPANY, Sidney, Oregon. Made for family use.

Ask your grocer for it. Bran and shorts always on hand.

P. B. WALLACE, Agt.

Now is the Time to visit California

When summer has passed in these northern states, the sun is only mild under the bright blue skies of Southern California. This is one of nature's happy provisions—eternal summer for those who cannot endure a more severe climate. California has been called the "Mecca of the winter tourist." Its hotels and stopping places are as varied as those of all well regulated cities. Visitors can always find suitable accommodations, congenial companions and varied, pleasing recreations.

SOUTHERN PACIFIC CO.

Will be glad to supply some very attractive literature, describing in detail the many delights of winter in California. The rate from Salem to Los Angeles and return is \$55. Limit six months, allowing stopovers in either direction. Similar excursion rates are in effect to all California points.

For full information, sleeping car reservations and tickets, call on, telegraph or write agents, Salem, or
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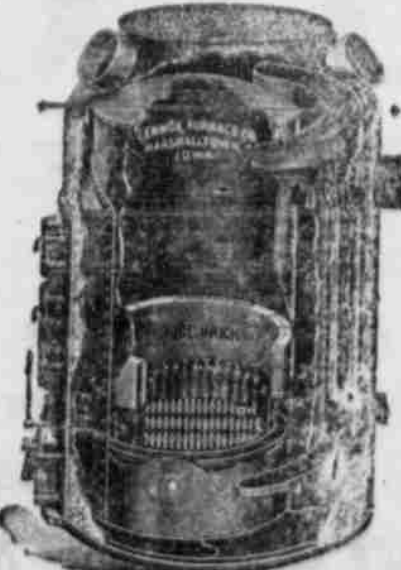
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Steamers Oregon and Pomona leave for Portland Monday, Wednesday and Friday at 10 a. m. Tuesday, Thursday and Saturday at 6 a. m. Fare 50 cents.

Leave for Corvallis, Tuesday, Thursday and Saturday about 7 p. m.
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