



'Eternal Vigilance is the Price of Liberty,' and One Dollar a year is the Price of The Chief.

ALL HOME PRINT.

RED CLOUD, WEBSTER COUNTY, NEB., FRIDAY, NOVEMBER 17, 1893.

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THE CHIEF

Published Weekly.

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RATES OF ADVERTISING
 Prof. cards, 1 inch or less per year..... \$6.00
 Six months..... 3.00
 Three months..... 2.00
STANDING ADVERTISEMENTS.
 Per inch one year..... \$4.00
 Per inch six months..... 3.00
 Per inch three months..... 2.00
 Special notices per line or line space, first publication 5 cents.
 Transient specials, payable invariably in advance, per line to cents.
 All reading notices in the nature of advertisements or puffs, 5 cents per line.
 Legal notices at legal rates, viz: for a square (ten lines of Nonpareil or less,) first publication \$1.00; for each subsequent publication, per square, 50 cents.
 No "preferred position" contracts made.
 All matter to insure publication must be received at this office not later than Wednesday.
 Advertisements cannot be ordered out for the current week later than Thursday.

E. & M. R. R. Time Table.

Taking effect Aug. 13
 Train carrying passengers leaves Red Cloud as follows:
EAST VIA HASTINGS,
 No. 142 Passenger to Hastings - 3:00 p. m.
ARRIVE.
 No. 141 Passenger from Hastings - 7:30 p. m.
EAST VIA WYMORE
 No. 16, Passenger to St. Joseph St. Louis and Chicago daily - 10:40 a. m.
GOING WEST.
 No. 15 Passengers for Denver, daily, - 8:15 p. m.

BUSINESS CARDS.

D. R. J. S. EMIGH,
 Dentist,
 RED CLOUD, NEBRASKA.
 Over Taylor's Furniture Store.
 Extracts teeth without pain.
 Crown and bridge work a specialty.
 Porcelain inlay, and all kinds of gold fillings.
 Makes gold and rubber plates and combination plates.
 All work guaranteed to be first-class.

J. W. COLLEYS, M. D.
 Homeopathic Physician,
 Red Cloud, Nebraska.
 Office opposite First National Bank.
 U. S. Examining Surgeon.
 Chronic diseases treated by mail.

C. L. WINFREY,
 Auctioneer,
 RED CLOUD, NEBRASKA.
 Will attend sales at reasonable figures. Satisfaction guaranteed.

J. H. SMITH,
 Insurance Agent,
 RED CLOUD, NEBRASKA.
 I do a strictly farm insurance and invite and invite all to see me.

RANDOLPH MCNITT,
 ATTORNEY,
 MOON BLOCK, RED CLOUD, NEB.
 Collections promptly attended to.

O. C. CASE,
 ATTORNEY AT LAW,
 MOON BLOCK, - RED CLOUD, NEB.
 Collections promptly attended to, and correspondence solicited.

D. F. TRUNKEY,
 Attorney at Law,
 Red Cloud, - Nebraska.
 OFFICE—Up stairs, in Moon Block, over Fair Store.

GEO. O. YEISER,
 Real Estate, Insurance
 and Collecting Agent,
 MOON BLOCK, - RED CLOUD, NEB.
 Notary Public.

R. P. HUTCHISON,
 Tonsorial Artist,
 4th AVENUE, - RED CLOUD, NEBRASKA.
 First-class barbers and first-class work guaranteed. Give me a call

D. STOFFER,
 Fashionable Barber,
 Red Cloud, - Nebraska.
 I give my personal attention to my patrons. First-class shaving and hair cutting a specialty.

H. E. POND,
 Red Cloud, Nebraska.
 Conveyancer, Real Estate, Loan
 Insurance and Pension Agent.
 I especially invite you to call on me for anything in my line. Loans made on farm property at lowest rates.

CHAS. SCHAFFNIT,
 Insurance Agency,
 Represents
 Germania Insurance Co., Freeport, Ill.
 Royal Insurance Co., Liverpool, England.
 Home Fire Insurance Co., of Omaha, Neb.
 Phoenix Assurance Co., of London, Eng.
 German Insurance Co., of Quincy, Ill.
 Guardian Assurance Co., of London, Eng.
 Burlington Insurance Co., of Burlington, Iowa.
 British America Assurance Co., Toronto, Can.
 Office over Postoffice,
 RED CLOUD, NEBRASKA

A Fair Exchange

Is no Robbery!



We want your Cash

And are prepared to give you its full value in



**Winter Suits,
 Dress Suits,
 Heavy Underwear, Shoes,
 Plush Caps,
 Gloves and Mittens,
 Felt Boots.**

And, in fact, everything a man wears.

**We are the Oldest Established
 Clothing House in Webster county, and
 have always carried the largest and best selected stock, and made prices that have never been met.**

Make it a Point

To see us when you need anything in our line.

**CHAS. WIENER,
 The Pioneer Clothier.**

OUR CHOICE FOR '96.

For president
MAJOR WM. MCKINLEY,
 Governor of Ohio.
 For Vice-President
HON. C. F. MANDERSON,
 Of Nebraska.

WEATHER FORECASTS

Furnished Expressly for The Chief for Webster County

(Copyrighted by W. T. Foster.)

St. JOSEPH, MO., November 18--My last bulletin gave forecasts of the storm wave to cross the continent from 16th to 20th, and the next will reach the Pacific coast about the 21st, cross the western mountains by close of the 22d, the great central valleys from 23d to 25th, and the eastern states about the 26th.

This will be a storm of more than usual force, and its center will probably cross the continent north of the 40th parallel. It will cause rains in most of the southern states, and snows in states bordering on Canada. Extremes of heat and cold will accompany this disturbance; high temperature on its front, and a cold wave following it.

The last storm of November will be of very considerable force, and I advise all to prepare for its coming. It will strike the Pacific coast south of the path of the preceding disturbance about November 27th, cross the western mountains by close of the 28th, the great central valleys from 29th to December 1st, and the eastern states about December 2d.

The central path of this storm will probably lie near the 40th parallel, west of the Alleghenies, and the 45th in the eastern states. It will probably increase in force after crossing the Mississippi valley, and the worst of the storm may be expected on the great lakes, in the Ohio valley and in the north-eastern states.

Warm waves will cross the western mountains about November 21st and 27th, the great central valleys about 23d and 29th, and the eastern states about the 25th and December 1st. Cool waves will cross the western mountains about November 24th and 30th, the great central valleys about 26th and December 2d, and the eastern states about 28th and December 4th. A blizzard is probable along the northern border from November 30th to December 4th.

THE SUN'S ELECTRO-MAGNETIC FORCE.
 Professors J. J. Thompson, Oliver Lodge, H. Hertz, E. Weidmann, Herman Ebert, Frank Bigelow and others who have studied the sun's energy have made numerous experiments from which I take the following results:

A globe made of material that will readily conduct a current of electricity, is charged with electricity while in a vacuum. The electricity radiates from the globe at the little prominences on the globe, causing light, and appearing much like the sun's corona.

At the little indentations on the globe, no electricity radiates, and therefore, by contrast, dark rifts reach down to the globe between the streaks of light over the prominences. This is said to be a marked feature of the sun's corona when viewed at a total eclipse of the sun. "These electro-magnetic radiations move at the velocity of light—186,000 miles a second—and communicating their influence to surrounding objects. It is calculated that these electric waves spread out over the whole surface of the sun in

six and a half minutes, and from the sun to the earth in eight minutes. They do not always go straight out from the ball, but often leave the ball at the tangent—that is in the direction of the western horizon.

This last fact, ascertained by the experiments, illustrates my theory of the earth's rotation on its axis. The electric forces enter the earth near the poles and leave it at the equator, going off into space, not vertically, but westward toward the horizon. This would cause the earth to rotate toward the east.

This idea is further illustrated by a magnetic wheel. Three rods twelve inches long with pointed ends, are crossed and about two inches of each of the six ends turned at right angles so as to point backward horizontally. This wheel is placed horizontally on an iron axle, and when charged with electricity, the latter will escape from the six pointed ends of the wheel. This escape of electricity against the atmosphere drives the wheel in the opposite direction, and thus we have a rapidly revolving motor.

We know that the atmosphere near the earth's equator moves westward, and this accords with the idea that these currents, on emerging from the earth, push the atmosphere westward and the surface of the earth eastward.

In the globe experiments first referred to above, if another metal ball suspended by a silk thread is brought near the globe, the magnetic streams going out of the globe from all sides, will bend toward the metal ball. This is used to illustrate the magnetic streams or corona that go out from the sun and bend toward the earth.

I would extend this idea to all the heavenly bodies, and especially to illustrate the meteorological effects of sun, moon and planets on the earth.

In all high barometers the magnetic forces come to the earth, and in all lows go from the earth. These highs and lows are the immediate causes of all weather disturbances, and as the former are caused by magnetic influences, it is concluded that the latter are effects of the electro-magnetic forces, and that heat and cold are results, not causes, of weather changes.

Organic matter is that which results from animal or vegetable life, and when used as a fertilizer is often greatly improved by adding lime.

When a disturbance is on one side of the sun's equator solely, its effect reaches the earth only while the latter is opposite the corresponding hemisphere.—Dr. Veeder.

In general it has been found that auroras and their attendant magnetic storms occur when spots, or faculae, or both are at the sun's eastern limb, and near the plane of the earth's orbit.—Dr. Veeder.

The rotation of the planets on their axis is certainly caused by the electrical force which makes them magnets, and the revolution of the planets around the sun by the rotation of the sun on its axis. The latter because the ether surrounding the sun revolves with the latter. Strange that this common sense idea never penetrated the minds of astronomers.

Now that the world's fair is no more, congress is adjourned and the fall elections have done their work newspapers will be somewhat at a loss to interest their readers. This is the opportunity for the weather bulletins. They have kept aloft all through the long months in which public interest has centered in the great public attractions mentioned have come through the calamitous financial panic in good shape, and a boom for them is inevitable. The newspaper that does



A cream of tartar baking powder. Highest of all in leavening strength—Latest United States Government Food Report.

Royal Baking Powder Co.
 106 Wall St., N. Y.

not publish these bulletins is not meeting the demands of its patrons.

In our green houses the same kind of soil is used for all kinds of plants but the florist uses the amount of water required by each plant. This should teach agriculturists that good crops do not depend upon the kind of soil, but the amount of moisture. One kind of land, though it be totally worn out, or supposed to be, will produce just as good crops as the richest soils, if the agriculturist knows how to cultivate it and can give it the right amount of water at the right time. For these reasons the arid portions of the United States will yet produce our best and surest crops. By irrigation, the proper amount of water can be given to each crop at the right time.

Are your children subject to croup? If so, you should never be without a bottle of Chamberlain's Cough Remedy. It is a certain cure for croup, and has never been known to fail. If given freely as soon as the croupy cough appears it will prevent the attack. It is the sole reliance with thousands of mothers who have croupy children, and never disappoints them. There is no danger in giving this Remedy in large and frequent doses, as it contains nothing injurious. 50 cent bottles for sale by Deyo & Grice.

The following poetic appeal won for its author, the editor of the Rocky Mountain Celt, the prize of \$1,000 offered for the best appeal poem to newspaper men to pay up their subscription: "Lives of poor men often remind us honest men won't stand no chance; the more we work there grows behind us bigger patches on our pants. On our pants, once new and glossy, now are stripes of different hue, all because subscribers linger and don't pay us what is due. Then let us be up and doing; send in your mite, however small, or when the snow of winter strikes, we shall have no pants at all."

THE BEST PLASTER.—Dampen a piece of flannel with Chamberlain's Pain Balm and bind it on over the seat of pain. It is better than any plaster. When the lungs are sore such an application on the chest and another on the back, between the shoulder blades, will often prevent pneumonia. There is nothing so good for a lame back or a pain in the side. A sore throat can nearly always be cured in one night by applying a flannel bandage dampened with Pain Balm. 50 cent bottles for sale by Deyo & Grice.

To Be Given Away!
 The Golden Eagle Clothing House will, on January 1st, 1894, give the following handsome articles away: 1 New Home Sewing Machine, value \$40; 1 eight day clock, value \$12; and \$5 in cash. Everyone should investigate this. Guess on the number of seeds in the large squash at our store. The nearest guess gets a handsome New Home sewing machine; the next nearest an eight day clock; the next \$5 in cash. The squash will be cut open January 1st.

When Baby was sick, we gave her Castoria.
 When she was a Child, she cried for Castoria.
 When she became Miss, she clung to Castoria.
 When she had Children, she gave them Castoria.