



"eternal Vigilance is the Price of Liberty," and One Dollar a year is the Price of The Chief.

RED CLOUD, WEBSTER COUNTY, NEB., FRIDAY, SEPTEMBER 1, 1893.

VOL. 21. No. 6

By A. C. Hos

THE CHIEF

Published Weekly
Subscription, - \$1.00
Invariably in
advance, at the price
Entered at the Post Office
as mail matter of... \$6.00
Prof. cards, 1 inch or less... 3.00
Six months... 4.00
Three months... 2.00
Per inch one year... 3.00
Per inch six months... 2.00
Per inch three months... 1.00
Special notices... 5 cents
Transient... 10 cents
All reading notices... 10 cents
Legal notices... 10 cents
Squares... 10 cents
No "preference" than Wednesday...
All matter to be ordered out for
advertisement...
Time Table.

B. & M. Meet Aug. 13.
Trains leave Red Cloud as follows:
No. 121 to Hastings - 3:00 p. m.
No. 122 from Hastings - 11:05 a. m.
No. 141 ST VIA WYMORE
No. 142 from St. Joseph St.
No. 143 to Hastings - 10:40 a. m.
No. 144 GOING WEST
No. 145 from Denver, daily, 8:19 p. m.

BUSINESS CARDS.

J. S. EMIGH,
Dentist,
Red Cloud, Nebraska.
Over Taylor's Furniture Store.
Extracts teeth without pain.
Crown and bridge work a specialty.
Repairs gold and rubber plates and combination
keys.
All work guaranteed to be first-class.

W. TULLEYS, 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. Satisfac-
tion 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.

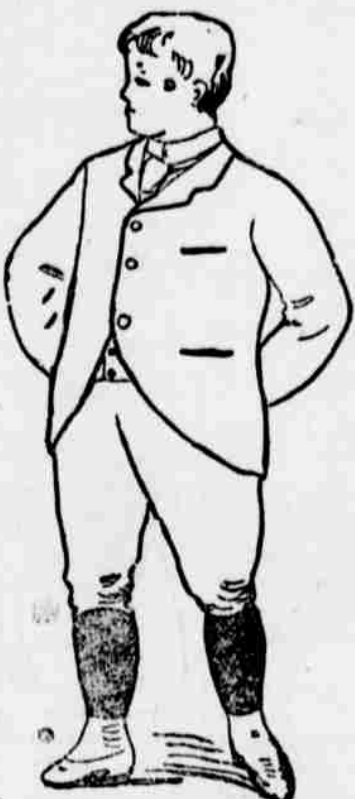
D. STOFFER,
Fashionable Barber,
Red Cloud, Nebraska.
I give my personal attention to my
patrons. First-class shaving and hair
cutting a specialty.

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
German Insurance Co., Freeport, Ill.
Royal Insurance Co., Liverpool, England.
Home Fire Insurance Co., 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.

Are Your Boys Going



To School!
Do you want them to look well dressed?
Do you know WIENER has just
received all his fall stock of
**Boys and Children's
Clothes, Hats & Caps.**

Are you aware that you can buy suits there
Very Cheap for your kids?

We have been enabled to buy a much better grade of goods,
which we can sell at same prices of inferior grade of last
season. WHY? Because while in market we found
every manufacturer anxious to get hold of ready cash.



Headquarters for
Men and Boys Shoes!
Chas. Wiener,
THE CLOTHIER.

WEATHER FORECASTS.
Furnished Expressly for The
Chief for Webster County.

(Copyrighted by W. T. Foster.)
ST. JOSEPH, Mo. Sept. 2.— My
last bulletin gave forecasts of the
storm wave to cross the continent
from September 2nd to 6th and the
next will reach the Pacific coast about
7th, cross the western mountains by
close of the 8th, the great central va-
ley from 9th to 11th, and the eastern
states about the 12th.

This will be a severe storm through-
out its journey across the continent,
and will probably do some damage in
the Mississippi valley.
The warm wave will cross the west-
ern mountains about the 7th, the
great central valleys about the 9th,
and the eastern states about the 11th.
The cool wave will cross the western
mountains about the 10th, the great
central valleys about the 12th, and
the eastern states about the 14th.
Rainfall will be more generally dis-
tributed during September than it was
during August. The heaviest and
most concentrated rains will occur
while the storm wave of the 8th to
12th is crossing the continent.

SPOTS ON THE SUN.

The high barometers of our earth
storm explains the spots on the sun.
Young is generally accepted author-
ity on astronomy, and he says: "Faye
more recently proposed, and now
maintains a theory which has numer-
ous good points about it, and is ac-
cepted by many. He believes that
sun spots are analogous to storms
on the earth, being cyclones, due to the
fact that the portions of the sun's
surface near the equator make their
revolutions in a shorter time than
those in higher latitudes. The theory
explains the distributing of spots
which abound precisely in the regions
where this relative drift is at its max-
imum."

Prof Young raises the objection
that if sun spots are caused by sun
storms, all the spots should be cyclonic,
and manifest the spiral motion.
He forgot that we look in at the top
of the sun spots where, as a rule, we
cannot see the spiral motion that ex-
ists near the body of the sun. At
the top of the spot the thin cirrus
clouds are moving in nearly straight
lines and do not, as we know of our
high barometers on earth, manifest
any spiral motion until the clouds
have sunk deep into the spot as they
approach the body of the sun.

Professor Young and Faye err in
calling the spots cyclones and storms,
for they are nearly all anti-cyclones
and the very reverse of storms, for
they are the same as our clearest
weather following or preceding the
storm. The storm center is full of
clouds that are the brightest spots on
the sun, and the spiral motion upward
is observed from our view.

Professor Young says that if the
sun spots are equal to our storms, the
whirl should be in the same direction
on the same sides of the equator.
That is also an error. While our low
barometers usually contain a cloud
ring encircling the centre of the low,
the centre of well developed storms
almost universally contains a clear
space, 300 to 500 miles in diameter,
where the darkest of deep-blue skies
are seen, and if we were viewing these
earth storms from the moon or one of
the other planets, we would see a dark
spot surrounded by bright faculae.
The latter would, of course, be the
cloud belt in the cloud wave surround-
ing the low barometer, and the whirl
in the northern hemisphere would be
contrary to the bands of the watch.

If we were looking at the larger spots
on earth or sun that are the high bar-
ometers, the whirl would be in the op-
posite direction, or with the hands of
the watch. Therefore Prof. Young's
objection that the whirl would be all
in one direction, if the spots on the
sun are caused by storms is not good.

Prof. Young says that the influence
of sun spots on the earth has been
perfectly demonstrated, that when
sun spots are numerous, magnetic
storms are numerous and violent on
the earth. There he stops and con-
cludes that the spots are caused by
volcanic eruptions throwing debris
high above the sun which falling back
on the sun, somewhat cooler than the
sun's surface, causes a contraction
and depression. Thus he accounts
for sun spots.

But he fails to suggest how a vol-
cano on the sun can cause magnetic
storms on earth. I would account
for the coincidence by saying that
sun and planets are revolving, spher-
ical moving magnets and affect each
other in accord with the laws of mag-
netism in such cases. Therefore
when a planet passes a place where
the magnetic equilibrium of the sun
is disturbed, the increased energy
of the magnetic lines of force cause
sun spots or sunstorms, earth auroras,
and increase the force of the earth's
perpetual storm waves.

Professor Young admits that in-
vestigations appear to indicate that
the sun spots have an influence on the
cyclones or hurricanes of the Indian
ocean. Volcanoes on the sun cannot
reach our hurricanes with their heat.
But our scientists around the weather
bureau at Washington claim that all
of our storms are caused by heat. I
do not see how heat from the sun's
volcanoes can cause great hurricanes,
great magnetic storms and great
auroras on the earth all at the same
time but I can readily understand that
all these and the sun spots may have
their origin in an increase in the mag-
netic forces.

The world is only beginning to learn
of the properties of magnetism and
electricity, two names for one object,
the difference being about the same
as the difference between clear and
muddy water. This form of matter
we know of but cannot see, is begin-
ning to be recognized as the motive
power of the universe, and ere long
our astronomers and teachers in astro-
physics must recognize that all storms,
sun spots, auroras and changes of the
barometer, are the results of magnetic
action, caused by the influence of the
sun, moon and planets on each other.
I hope to demonstrate the correctness
of these assertions ere I get to the
end of this discussion.

Notice.

If you are going to school this fall,
put this paper in your pocket and pre-
sent it at the office of the Western Nor-
mal College, Lincoln, Nebraska, when
you register as a student and you will
secure your car fare at the rate of 100
miles per term of ten weeks until your
car fare from your home to Lincoln has
been paid. The Western Normal College
is one of the greatest schools in the
United States and this opportunity is
given to test its merits. Fall term com-
mences Tuesday September 5th. You
can enter at any time. No examinations.
Do not cut this article out but bring
the paper with you.

**The G. A. R. Encampment at
Indianapolis.**

August 30th, to September 3rd, the
Burlington Route will sell round trip
tickets to Indianapolis at very low rates.
Tickets will be good via Chicago or St.
Louis as preferred and will admit of stop
over at either of those cities. If you
are going to Indianapolis, take the Bur-
lington Route (ninety per cent of Neb-
raska's old soldiers will go with you) and
enjoy all of the advantages of fast time,
magnificent equipment, and through
service, which only that railroad can



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.

OUR EDUCATIONAL COLUMN.

BY D. M. HUNTER, CO. SUPT.

The following districts have engaged
teachers for their schools as follows:

- Dist. No. 1—Jos. Dreesback, Carrie
Bill, Mrs. Myra D. Fletcher.
- Dist. No. 2—Geo. M. Custer, Mrs. O.
C. Case, H. C. Probasco, Fidelia Schaff-
nit, Lulu Warner, Mary E. Nye, Nellie
West, Rhoda Waddell, Dora Henderson
Louise Williams.
- Dist. No. 3—Jas. M. Scoles.
- Dist. No. 4—Alma L. Peters.
- " " 5—May Bunker.
- " " 6—Lulu Barber.
- " " 7—Daisy Craft.
- " " 10—Ella Van Woert.
- " " 12—Marie Taylor.
- " " 15—Lora McBride.
- " " 17—Donald Pope.
- " " 17—Lulu A. Ayer.
- " " 18—A. W. Richardson.
- " " 21—Daniel M. Garber.
- " " 24—Mrs. Minta Boren.
- " " 26—W. H. Grant.
- " " 28—Maude Greenlee.
- " " 30—Mame F. Beale.
- " " 31—A. N. Alquist, Annie Roth.
- " " 33—Maude Orchard.
- " " 34—Retta Abel.
- " " 35—Lulu Albin.
- " " 36—J. L. Springer.
- " " 37—Nancy Levis.
- " " 41—Edith Davis.
- " " 42—Mary Farquhar.
- " " 43—Blanche Arnold.
- " " 46—Mabel Day.
- " " 47—Georgia Prather.
- " " 49—Alvin Pope.
- " " 51—Maggie Graney.
- " " 52—Anna Cockrill.
- " " 58—Sarah L. Fisher.
- " " 59—S. Friable.
- " " 61—Lous A. Bailey.
- " " 62—Ida E. Sayer.
- " " 63—Oscar A. Arnold.
- " " 64—Thorton Poe.
- " " 65—Belle Spanogle.
- " " 66—Emily L. Robinson.
- " " 68—Josie Miller.
- " " 70—N. L. D. Smith.
- " " 72—Lottie Roby.
- " " 73—J. R. Strader, Mabel
Wright.

Dist. No. 74.—J. R. Thorton, Mary E.
Beale, Clara Hoover, Marion Thorton.

Dist. No. 75—Chas. Poe.

Dist. No. 76—Lulu Potter.

" " 77—Mae Hobart.

" " 80—Jessie Holycross.

" " 81—Olive Pce.

" " 82—Edna Edson.

The schools generally commence on the
4th of September.

The first educational meeting will be
held at the school house in Dist. No. 4,
on Thursday evening, Sept. 14, 1893.

The first teachers' meeting will be held
at Cowles, on Saturday, September 23d,
1893.

The first First Grade class meeting
will be held at Red Cloud, on Saturday,
September 30, 1893.

We desire that the meetings be well
attended, that an interest be taken in ed-
ucational work, and that the attendance
and the interest may both increase as the
work of the school year progresses.

Superintendent John H. Swift, San Fran-
cisco: Enthusiasm is the secret of suc-
cess in teaching.

Wm. Eastman, Salem, Ohio, President
of School Board: The effort to secure
ornamental school grounds not only edu-
cates and calls out the finer feelings of
our pupils, but operates as a softening
and a refining influence over those who
have left their school days behind.

After Breakfast

To purify, vitalize and enrich the blood,
and give nerve, bodily and digestive
strength, take Hood's Sarsaparilla. Con-
tinue the medicine after every meal for a
month or two.

Hood's Pills cure constipation. 25c.