

METEOROLOGICAL.

Reported for the Dominion Gov't by G. A. Blair, Esq.

JUNE.

DATE.	Time.	Height of Barometer.	Thermometer.	Thermometer.	Thermometer.
Sun.	12	30.20	62	60	60
"	1	30.20	64	62	62
"	2	30.20	66	64	64
"	3	30.20	68	66	66
"	4	30.20	70	68	68
"	5	30.20	72	70	70
"	6	30.20	74	72	72
"	7	30.20	76	74	74
"	8	30.20	78	76	76
"	9	30.20	80	78	78
"	10	30.20	82	80	80
"	11	30.20	84	82	82
"	12	30.20	86	84	84
"	1	30.20	88	86	86
"	2	30.20	90	88	88
"	3	30.20	92	90	90
"	4	30.20	94	92	92
"	5	30.20	96	94	94
"	6	30.20	98	96	96
"	7	30.20	100	98	98
"	8	30.20	102	100	100
"	9	30.20	104	102	102
"	10	30.20	106	104	104
"	11	30.20	108	106	106
"	12	30.20	110	108	108

The column for Maximum Thermometer shows the highest temperature for every day.

The column for Minimum Thermometer shows the lowest temperature for every day.

The Farmer's Corner.

Milk and Butter.

There are no farmer's productions, says the *Marland Farmer*, so subject to injuries from many slight causes as milk and butter, and none so sensitive to unpleasant odors of every kind; none so liable to be as readily deteriorated in value as these are. Hence, all kinds of uncleanness should be avoided, and the utmost neatness should be observed in every step of their production and marketing, from the very feeding, handling, and milking of the cows, as well as treatment and handling of the milk, with the churning, working and putting up of the butter. All of the implements used, the water and salt used, and the rooms occupied in keeping the milk and making the butter, should be kept perfectly clean and sweet, in order to produce the best quality to secure high and fancy prices. No article that the farmer produces for the market has such a wide range of difference in price as butter, not even cheese or choice fruit. We see by quotations in all the great butter markets that the prices of eating butter range all the way from 8 to 10 cents per lb., while greasy, cooking butter is even lower than that; even the packages in which it is put up, whether in kegs, pails, tubs, or rolls, affect the price for it. Grains and meats have but a small range compared to butter; the difference in the prices of butter is much greater than the difference in the price of grain, and it is much more profitable to make and sell a first-class article than a poor one.

WHAT CROPS TO LEAVE IN THE SOIL.

Many farmers are rather slow to learn that what they take out of the soil in the form of a crop must be paid back to the soil, or it becomes greatly impoverished. Ignorance of or indifference to this great law of nature has caused many worn out, worthless farms throughout the country, and it is high time farmers should begin to realize that they must pay back what they get from their soil, or else stand condemned as murderers of the life-giving soil bequeathed or falling into their hands in the order of Providence, and transmitting to their children a ruined, worthless inheritance of land. On this point it may not be amiss to publish the experiments made in Germany by Dr. Weiske and several other savans, showing that the stubble and roots left in the earth by crops that have been harvested, add to the soil much more nutritive value than is commonly supposed. These experiments fully explain the great value of clover as a preparatory crop for wheat, and for all other crops that are not manured with nitro-gen-potash and phosphates. The clover of a single year has been found to leave nitrogen for 110 bushels of wheat, phosphoric acid enough for 114 bushels, and potash enough for 78 bushels. Moreover, it is found that most of this valuable material is left in the best possible condition for use. Whether the nitrogen of the clover comes wholly or partly from the soil, or from the air, it is certainly taken from a condition in which it is of little use to most crops, and it is converted into an available one, so that practically, the clover is a creator of nitrogen in the soil, as it is also an efficient purveyor of potash and phosphoric acid.—*Rural Sun.*

GREASING AXLES.

On the authority of the *Carriage Monthly*, more injury is done to carriage and wagons by greasing too much than the reverse. Tallow is the best lubricant for wood axles, and castor oil for iron. Lard and common grease are apt to penetrate the hub, and work their way out around the tenons of the spokes and spoil the wheel. For common wood axles, just enough grease should be applied to the spindle to give it a light coating. To oil an iron axle, first wipe clean with a cloth wet with turpentine, and then apply a few drops of castor oil around the spokes and the wheel. When they are washed in that condition, the grease is sure to be transferred to the chamois from the wheel and from thence on to the panels.

WOOL BLEACHING.

It has been found that the method of bleaching wool by means of oxalic acid, combined with glycerin, or used alone has the effect of causing the fibers of the wool to become felted. This is now remedied by saturating the oxalic acid with soda, potash, or ammonia, thus forming a soluble oxal-

late. The bleaching is effected in the same manner, that is to say, with pure water, except from lime, and the wool preserves all its suppleness and soft touch.

CHEAP GOODS!

CHEAP GOODS.

THE following goods are now opened and ready for inspection, viz:—

- BLACK DELAINE,
- BLACK MERINO,
- BLACK CASIMERE,
- BLACK LUSTRE,
- BLACK COTTON,
- BLACK FRENCH DELAINE,
- BLUE FRENCH DELAINE,
- SCARLET FRENCH DELAINE,
- SCARLET MOREEN,
- GREEN MOREEN,

EXTENSIVE SALE

—AT—

RICHARD DAVIDSON'S

STORE!

\$20,000

—ORTH OF—

STAPLE & FANCY GOODS

TO BE SOLD AT COST

BY THE

LAST OF JULY.

The Subscriber begs to intimate that he will sell

ENTIRE STOCK OF GOODS

OUT AT COST.

—BY—

WHOLESALE AND RETAIL.

Parties wishing to purchase large lots by wholesale

WILL BE ALLOWED TIME,

Or will be given a Liberal Discount FOR CASH.

THE STOCK

HAS BEEN WELL LAID IN AND CANNOT BE EXCELLED.

—

THE PUBLIC ARE INVITED

To call and examine for themselves.

THE SALE will commence

on the 28th of this month.

—

POSTERS

WITH CATALOGUE OF PRICES WILL BE ISSUED.

Newcastle, April 23, 1877.

NEW GOODS!

I BEG to announce that I have my usual

SHELF HARDWARE,

BRITISH,

CANADIAN &

AMERICAN.

A nice assortment of IRON BEDSTEADS. A large stock of Iron, Steel, Sheet Lead, Zinc, Cut, Wrought and Pressed Nails, Rope, Cordage, Sail Canvas, Cotton Duck, Fishing Lines, and Twines.

A Lot of COTTONS, cheap;

also,

FLOUR, MEAL, FLOUR, TEA,

MOLASSES, TOBACCO, &c.,

At the Lowest Market Rates.

F. J. JETSON.

WATER STREET, - - - CHATHAM.

June 18, 1877. - - -

SLEIGHS AND PUNGS.

THE Subscriber is now making up a

SLEIGHS AND PUNGS,

FANCY AND PLAIN, IN ALL

THE MODERN STYLES.

Parties in want of a good winter vehicle will do well to consult with the subscriber, as he feels confident that for style and price they cannot be better suited at any other establishment, either at home or abroad.

Repairing,

Painting and

Trimming

Performed in good Style.

PRICES MODERATE.

A. C. ATKINSON.

Newcastle, November 21, 1876.

LAND FOR SALE.

THAT Property situate in Taharua, Parish of Alkwa, presently in occupation of William Edmunds.

TERMS LIBERAL.

For any further information required, apply to

M. ADAMS,

Barister,

Newcastle.

September 11, 1876. 13

"VICTOR HUGO"

The Northumberland Agricultural Society will travel for the Season the above Extra Horse throughout the various settlements.

All further information and places of stoppage made by the Groom, to whom all fees must be paid by the end of the travelling season.

Services for the Season, \$4.00.

D. T. JOHNSTONE, Secy.

WM. SEARLE, Groom.

Chatham, April 27, 1877. my2

MORE

NEW GOODS,

—BY—

Steamship Caspian via Halifax.

THE following goods are now opened and ready for inspection, viz:—

- BLACK DELAINE,
- BLACK MERINO,
- BLACK CASIMERE,
- BLACK LUSTRE,
- BLACK COTTON,
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D. T. JOHNSTONE, Secy.

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Chatham, April 27, 1877. my2

GOOD NEWS!

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I BEG to leave to call the attention of House-keepers to

Good News Portable Range,

It is the most elegant, compact and convenient cooking apparatus ever offered to the public, combining among its many improvements a very large and thoroughly ventilated oven, enlarged portable hot closet, improved swing shelf which is level with top of range, giving the largest amount of top surface of any range made.

A MOVEABLE RAIL,

A very ingenious affair for keeping the dress from contact with the stove, or for drying clothes. Works equally well with either wood or coal, costs but little more than an ordinary coal stove will

double the amount of work with less fuel.

Warranted to be a perfect baker and only needs to be seen to be appreciated.

I am now prepared to fill orders for the above range, and will deliver in complete working order to purchasers free of extra charge.

J. H. PHINNEY.

Newcastle, March 10, 1877. 14

STEAMERS

NEW ERA & ANDOVER.

DURING the obstruction of the naviga-tion of the St. John's River, the steamers will run as follows:

"NEW ERA."

LEAVE NEWCASTLE. LEAVE CHATHAM.

3.30 a.m. 9.30 a.m.

11 a.m. 12 m.

2 p.m. 3.30 p.m.

On SATURDAY EVENINGS the "New Era" will leave Newcastle at 6.30 p.m. in-stead of 7.30.

On MONDAY, TUESDAY, WEDNESDAY, FRIDAY & SATURDAY OF EACH WEEK, will leave Newcastle for Derby, at 7 a.m. Derby for Chatham, at 2 p.m. Chatham for Derby, at 2 p.m. Derby for Newcastle, at 2 p.m. Connecting with New Era for Chatham. And on Thursday will leave Newcastle for Redbank, at 6 a.m. Redbank for Chatham, at 11 a.m. Chatham for Redbank, at 11 a.m. Redbank for Newcastle, at 11 a.m. Connecting with New Era for Chatham. CALL & MILLER, Owners. Newcastle, May 19, 1877.

JUST OPENED

AT THE

"Commercial House,"

CHATHAM.

A LARGE ASSORTMENT OF

New, Fancy & Staple Goods.

IN ALL THE LEADING STYLES.

Inspection Invited.

W. B. HOWARD.

CHATHAM. Sept. 11, 1876. 13