













## METEOROLOGICAL.

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

FEBRUARY.

DATE.	Time.	Height of Bar.	Thermometer.	Thermometer.	Thermometer.
Sun.	9	8.20 a.m. 30.22	22	14	10
		1.14 p.m. 30.24	14	10	10
		1.45 p.m. 30.24	14	10	10
Mon.	10	8.30 a.m. 30.19	13	8	5
		8.30 p.m. 30.20	17	8	5
		1.45 p.m. 30.20	17	8	5
Tues.	11	8.30 a.m. 30.08	13	7	3
		8.30 p.m. 30.07	12	7	3
		1.45 p.m. 30.07	12	7	3
Wed.	12	8.30 a.m. 30.07	12	7	3
		8.30 p.m. 30.06	11	7	3
		1.45 p.m. 30.06	11	7	3
Thurs.	13	8.30 a.m. 30.03	10	5	0
		8.30 p.m. 30.03	10	5	0
		1.45 p.m. 30.03	10	5	0
Fri.	14	8.30 a.m. 30.02	9	4	0
		8.30 p.m. 30.02	13	4	0
		1.45 p.m. 30.02	13	4	0
Sat.	15	11.45 a.m. 30.02	8	3	0
		8.30 a.m. 30.02	8	3	0
		8.30 p.m. 30.02	10	3	0

The minus sign thus— at the left hand, denotes below zero, its absence denotes above zero.

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.

## Too Much Farming.

We believe that one of the greatest evils among our farmers is that they try to cultivate too much land. Too large a number never stop to think that it takes more time and considerable more expense to half cultivate a large farm than it does to half cultivate a small one. One of the richest and most successful men in this section told us recently that for twenty years he never cultivated more than twenty acres, but he made it a point to cultivate it well.

We have seen farmers put in sixty or seventy acres of wheat with one team. As a consequence, it would be put in a very poor condition, and of course it would be a poor crop. Well, it takes a good while to drive a reaper over that amount of ground; it takes more time to drive over it; ground to bind and shock it; still more time to haul it in to the stack, besides having only half a crop. Suppose he puts in twenty acres of ground; he has time to plow it well, harrow it two or three times to get the ground mellow and fine, and drill it down, and, if necessary, top-dress part of it with manure, reserving only a small piece to drill. Then he can cut, bind and shock it at a great deal less expense, and he gets a good crop.

The farmer we have spoken of said he never raised less than twenty bushels of wheat to the acre, if he only had fifteen acres. Any one can see how much money he would make clear if he got three hundred bushels off his fifteen acres. More than the man who had thirty acres and got ten bushels to the acre. The saving in seed, plowing, harrowing, &c., would be considerable.

What we need is closer farming. To raise big crops, manure your land and cultivate your crops well. This is said of wheat can be said of corn, oats, hay, potatoes, fruit and stock. A great many farmers never stop to think that it costs as much to feed a poor hog, horse or cow as it does a good one. But that style of farming doesn't pay now. Every business man has to manage on the closest basis possible to obtain a profit, and the farmer who now expects to make anything must work everything to the very last advantage. It is better to leave half your land idle, or use it as a pasture, than to half cultivate and raise half a crop, when by close cultivation and manuring you can raise the same quantity of grain on half the land, and in doing it have a better quality.

Raise a variety of crops. Keep good stock and good tools, and farm what you farm to the very best advantage. Make what land you cultivate yield every cent it will, and it will pay twice better than double the number of acres poorly cultivated.—[N. J. S., in Rural World.]

## Burning Green Wood.

Water in passing into vapor absorbs and hides nearly 1,000 degrees of heat. A cord of green wood produces just as much heat as a cord of the same wood dry. In burning the dry wood we get rid of all the water, but in burning the same wood green from one-half to three-fourths of the heat produced goes off latent and useless in the evaporating sap or water. Chemistry shows this, and why, very plainly. Therefore get the winter's wood for fuel or kindling, and let it be seasoning, as soon as possible, and put it under cover in time to be dry when used. It will of course season or dry much faster when split fine. . . . A solid foot of green elm wood weighs 60 lbs. of which 30 to 35 lbs. is sap or water. As ordinarily piled up, if we allow half of a cord to be lost in the spaces between the sticks, we still have a weight of about two tons to the cord, of which nearly one ton is water or sap. Such wood affords very little useful heat; it goes off, in the ton of sap. The great saving of hauling it home dry is evident— as we get the same amount of real fuel for half the team work. Beech wood loses one-eighth to one-fifth its weight in drying; oak, one-quarter to two-fifths.—[American Agriculturist for December.]

A STRONG CEMENT.—A cement particularly adapted for attaching the brass-work to bottle-necks, lamps, etc., is made by boiling three parts of resin with one of caustic soda and five of water. The composition is then mixed with half its weight of plaster of Paris. It sets firmly in about three-quarters of an hour. It is said to be of great adhesive power, not permeable by petroleum, a low conductor of heat,

and but superficially attacked by hot water.

Make your farm so valuable by constant improvement, skilful culture, good fruit, ornamental shrubbery and pleasant surroundings, that no money will tempt you to leave it. And then, if you are under the necessity, for any reason, of selling, you can secure a much higher price than if your farm had been neglected.

During the past four years the farming interest has extended itself over 22,286,000 acres of land in the United States.

## A Stirring Address.

Sir John A. Macdonald, on the 18th inst., at the request of the Carleton Club, delivered his first address since accepting the seals of office, in Victoria Hall, Quebec, which was filled to overflowing. Sir John on rising was greeted with applause lasting for several minutes. He spoke for half an hour. Touching upon the causes which had carried Conservatism to victory, enlarging on the memory of the late Sir Geo. Cartier, and the confidence which the majority of the audience by relating incidents of the Hon. George Brown, and other Rogues, as he termed them. In alluding to his majority he said: "Quebec today sends a Conservative majority of 29, and the old time Grit Province of Ontario 38. A midnight march was stolen upon us in 1874, a form of obliquity was raised against us and we had to succumb, but we handed over the affairs of the country in a prosperous condition and left a surplus of thirteen million dollars.—The majority of the Government would be 84 or 87, all true men. He will shortly have the honor of representing British Columbia, although he never saw the country. The National Policy will be carried out so long as he (Sir John) is a member of the Government, when instead of despondency you will see hope, and instead of despair enterprise. The mechanic, the farmer and the flagging industries would be benefited by the policy."

## For the Little Folks.

## Little Toddlers.

Perhaps you don't know who little Toddlers is. Well, he is my brother. That isn't his real name; my only call him that, 'cause when he sets one foot on the ground he shakes rather before he puts down the next, 'cause his legs are so short he's afraid to. His real name is Morton.

I'm his sister, just eight years old and one month and a half yesterday; and I'm proud of Toddlers; and so would you be if he was your brother. Wait and see if you wouldn't when you hear what he did.

Mamma sends me to school in the next block from our house. There isn't many little boys and girls live near us, so Toddlers gets lonely when I'm at school, and mamma is out to market or somewhere. So, one day, mamma she says—

"S'pose, Carrie, you take Toddlers with you this morning, 'cause he will be all alone at home with Maggie," (that's nurse); "and as she is going to be very busy, she can't pay much 'tention to him."

Well of course, Toddlers is a trouble sometimes; all little boys 'bout four are sometimes. And I guess I was cross that morning; for I said, "Oh, brother!" and I s'pose I pucker my face up.

He had his little brown merino dress on; and he did look dreadful cunnin', and so sweet! and he said, with most the tears in his eyes, "Sister Carrie, do don't love me." This is the way Toddlers talks, like most little boys 'bout four do. So I took him, 'cause mamma made me, but I didn't want to anyway.

In our school we have first writing, then spelling, and then reading. I'm in the Second Reader; so my class don't come right away to me. I had plenty of time to say to Toddlers he must act just like I always did, and talk just like me, and say "Yes'm," and everything. I was so 'fraid he wouldn't behave, that I said over and over again, "Toddlers, you must talk just as sister Carrie does to mamma and everybody; you must mind and talk just like Carrie, and whisper."

Well, it came Second Reader class; and I had to leave Toddlers by my desk, and I just left I thought 'er. Well, time by Miss Gray said.

"Carrie please bring me that slate from your desk." And then, just as I was starting, "Oh, no," she said. "I'll ask your little brother; it will give him something to do." And she said smiling—

"Morton, dear, please bring me Carrie's slate."

He was just drawing cats on it, you know—and he loves to do that—and he looked up, and shook back his curls, and whispered, with just the sweetest smile, "Oh, b'over!" and never stirred. "I was the only one who knew what he said, and I was just covered with confusion; and I said quick, "Please, Miss Gray, I'll get it."

"No," she said, s'pried, kinder, "I didn't hear Toddlers. Speak loud, dear."

"Oh, b'over!" Toddlers said, smiling still, but right out like that.

Oh, I just wish you had seen how 'prised Miss Gray looked! She most looked as if she might laugh; but of course she didn't mean to.

"Is that the way a dear little boy with a sweet little mouth speaks when I say please to him?" she asked.

And Toddlers shook all his curls hard, and said just as solemn, "No; but sister Carrie do; and she said me must talk like her do."

Miss Gray just looked at me so grave! and I believe I'd like to have gone through that floor, if it was wood, and no carpet, and an awful black cellar under.

"We wanted the slate," said Toddlers.

"Bring it here, dear," Miss Gray said.

So he never cried nor nothing, but toddled right up and gave it to her, just as sweet!

"Now, Toddlers," Miss Gray said,

looking at me too; "you showed us something of how sister Carrie acted when she didn't want to do anything; s'pose you let me see how you act just like yourself."

Toddlers hung his head a moment; and then he looked up with such a smile through his curls; and says Toddlers, "Oo may take it wever I want it or not! but—don't oo love me?"

Miss Gray just hugged him; and all the girls said, "What a darling!" And he was, too; but I was awful 'shamed of myself.—Well Spring.

## Lamps, Oils, &amp;c.

CHANDLERS,  
BRACKET,TABLE AND HAND LAMPS.  
Chimneys, Wicks, &c.,

AMERICAN &amp; CANADIAN OILS.

WHOLESALE &amp; RETAIL.

J. R. CAMERON,  
11 King Square.

St. John, May 7, 1878

## Fishing Twines!

IN STOCK—  
4 Bales No. 1 Salmon Twine, 2 bales  
3-ply Trout, 2 bales Weir Twine,  
5000 each 18, 21, 24 Thread  
Cod Lines.FOR SALE AT COMMISSION PRICES.  
T. R. JONES & CO.

feb-12

## MORTGAGE SALE.

TO be sold at PUBLIC AUCTION, on MONDAY, the seventh day of April, next, at 11 o'clock a.m., in front of the Engine House, in the town of Newcastle, by virtue of a power of sale, contained in an Indenture of Mortgage, dated the 16th day of November, A.D. 1876, and made between John B. Williston, of Newcastle, in the County of Northumberland, Joiner, and Mary, his wife, of the one part; and the undersigned David Ritchie, of the County of Liverpool, England, and Allan Ritchie, of the County of Newcastle, aforesaid, Merchants, of the other part, for securing the payment of the monies therein mentioned.

All that certain piece or parcel of Land, situate, lying and being on the southerly side of the Queen's Highway, running through the said town, known as Lot No. 51, in the Town Plan drawn by the late Wm. Parker, Esq., being the land and premises presently occupied by the said John B. Williston, together with the buildings and improvements thereon, as fully as the same are conveyed by the said Indenture of Mortgage.

Dated this 1st day of February, A.D. 1878.

TERMS CASH.

DAVID RITCHIE,  
JOHN RITCHIE,  
ALLAN RITCHIE,  
ROBERT RITCHIE,

Mortgages.

W. A. PARK,  
Solicitor for Mortgages. 15-16

## ARGYLE HOUSE,

CHATHAM.

GREAT INDUCEMENTS now offered to purchase Goods at the above establishment.

Flannels, Blankets, Sheetings,  
Shirtings, Tickings, Towellings, Dress  
Goods, Shawls, Sackings, &c.,

at large reductions in price.

FUR CAPS—in Ladies' and Gent's; Also  
Ladies' Boas, Fur Tippets, Muffs and  
Terms—strictly at cost.

## FANCY WOOLEN GOODS,

Hosiery, Gloves and a lot of  
MILLINERY,

such as Flowers, Feathers, Wings, Hat  
Bonnet Shapes, at half price to clear.

In Stock at low rates—

Flour, Meal, Pork, Lard, Beans,  
Molasses, Tea, Tobacco, Soap,  
COMMON FURNITURE, &c.

WILLIAM MURRAY,  
December 17, 1878.

## CHEAP GOODS! CHEAP GOODS!

HAVING decided to make a change in my business in the Spring of 1879, I intend, throughout the winter, offering my entire stock, which is surpassed by none other in the town.

Quality, Variety & Freshness,  
AT A RATE FOR CASH THAT  
CANNOT BE BEATEN.

Purchasers desirous of obtaining bargains will find it to their advantage to lay their money out at the

'SALTER BRICK STORE.'

I also take this opportunity of tendering my thanks to the public generally for the very liberal patronage extended to me during the three and a half years that I have been in business and hope by strict attention to the wants of customers, associated with an honest and upright system of doing it to retain your confidence and merit a share of your patronage.

JOHN FERGUSON,  
Newcastle, Dec. 10, 1878.

## TO THE TRADE.

ENCOURAGE HOME INDUSTRIES.  
C. H. THOMAS & CO.,  
NECK-TIE FACTORY,  
FREDERICTON, N. B.

SPRING AND SUMMER 1878.

The Latest Novelties in  
MEN'S AND BOYS' NECK-WEAR NOW READ  
Please reserve orders for Agents, who will visit the North shortly.

Prices lower than the imported article.—  
Frederictown, May 6, 1878.

## BERTON BROTHERS,

ST. JOHN, N. B.

Have Received:

Sugars—  
25 BLS. Standard Granulated, 25  
BLS. Extra C, 25 BLS. C, 10  
BLS. Crushed.

Tobacco—  
25 Boxes 12s, 25 Half Boxes 12s, 25 Caddies  
Wee Davie, 50 Caddies Brunette Solon,  
50 Caddies Little Dorrit, 20 Caddies Twin Gold  
Balls.

New Fruit—  
30 Half Boxes Fruit, 100 Boxes a Layer Raisins,  
50 Boxes Loose Muscatel, 40 Boxes Valencia,  
120 Boxes Fine Congo Tea, which are  
offered low for cash or 30 days.

In store—20 Tubs Lard, 50 Tubs Butter.  
SMYTHE STREET.

## OILS.

WE have a large Stock of the following  
Oils which we will sell at low prices:

LARD, OLIVE, BLACK,  
PORPOISE, WOOL, COCCA,  
RAPE, MACHINE, LINSEED,  
ROSIN, &c.

W. H. THORNE & CO.,  
Market Square, St. John.

feb-5

## MIRAMICHI FOUNDRY,

CHATHAM, N. B.

MANUFACTURER OF  
STEAM ENGINES & BOILERS,GANG AND ROTARY SAW MILLS,  
Gang Edgers, Shingle Machines,  
and General Machinery.SOLE MANUFACTURER OF  
POND'S WISCONSIN  
Patent Rotary Saw Carriage.

This invention pronounced the "Me  
Plus-ultra" of Saw Mills, is destined  
to sweep all rivals from the field. In-  
terlocking hook and lever dogs are  
used, by which the logs are dogged  
and canted automatically. The Head  
Blocks are fitted with sliding racks,  
which move forward and back, and by  
this means, long, sweeping logs can  
be sprung straight, and tapering logs  
can be cut to the greatest possible ad-  
vantage. When the log is sawed, the  
head blocks are run back by friction  
ready to receive another log as the  
carriage is returning. The whole of  
this work is performed by a man who  
rides on the carriage.

This mill has shown itself in actual compe-  
tition, capable of rivaling one of the best  
Gangs in New Brunswick, and cutting ready  
for edging a log per minute.

The right to Manufacture and Sell this mill  
in the Dominion of Canada, has been pur-  
chased by the subscriber, any further in-  
formation may be had by communicating with me.

JAMES W. FRASER,  
Proprietor MIRAMICHI FOUNDRY,  
Chatham, March 25, 1878.

## "UNION ADVOCATE"

STEAM  
PRINTING ESTABLISHMENT.

THIS office is now thoroughly equipped  
with Jobbing material and the most  
modern presses for the rapid and skilful ex-  
ecution of

PLAIN & COLORED  
COMMERCIAL  
—AND—  
General Printing

which we can produce to the satisfaction of  
all who kindly favor us with their  
orders, both as regards style and price.

ALL ORDERS for the following, or for  
other work not mentioned will be carefully  
and promptly attended to.

POSTERS, AUCTION BILLS,  
PAMPHLETS, CIRCULARS,  
COMMERCIAL CARDS,  
VISITING do.,

ACCOUNT HEADINGS,  
STATEMENTS,  
MEMORANDUMS,  
BALL & CONCERT  
PROGRAMMES,  
CATALOGUES,  
POSTAL CARDS,

Wedding Cards & Envelopes,  
(Finest English Make)

LEGAL BLANKS,  
MAGISTRATES' BLANKS,  
CUSTOMS BLANKS,  
SHIP'S ARTICLES,  
CORONER'S BLANKS,  
RAILWAY BILLS OF LADING,  
ENTRY BLANKS for fish exporters,  
ENVELOPES, all qualities,  
printed to order,  
MARRIAGE CERTIFICATES,  
BEAR BOUNTY do.,  
BOUND BOOKS, 100 each,  
BILLS OF EXCHANGE,  
DRAFTS,  
CHECKS,  
NOTES OF HAND,  
RECEIPTS,  
ORDERS, &c.

Particular attention given to the  
printing of Reports of Societies.

Orders received for Ledgers and Day Books  
and every description of Legal and Commer-  
cial Stationery.

W. & J. ANSLOW.  
Newcastle, Miramichi, N. B.

feb-12

## HOLIDAY GOODS.

REAL HAIR AND IMITATION  
BRAIDS AND CORDS;

Chemille and Tassels to match; Gold and  
Silver Card Board; Silver and Gold  
Embossed Paper; Hat, Hair and Neck  
Ornaments; Lockets, Chains, Bangles,  
and Dog Collars.

Scrap Pictures, Pottery do.;  
Real and Imitation Feather Trimmings; Flat  
and Spiral Splints, Cardboard and  
Bristol Boards, in all colors.

A very handsome assortment of  
CHRISTMAS & NEW YEAR  
CARDS.

All the above are just to hand and cheap.  
W. B. HOWARD,  
Commercial House, Chatham,  
December 17, 1878.

## FELLOW'S COUGH BALSAM.

An Unfailing Remedy for  
Coughs,  
Colds,  
Hoarseness,  
Bronchitis,  
Asthma,  
Influenza,  
Soreness of the Throat, Chest and  
Lungs.

Wholesale and Retail by  
T. B. BARKER & SONS,  
35 and 37 King St., St. John.

feb-5

## INTERCOLONIAL RAILWAY.

1878. Winter Arrangement, 1878.  
1879. Winter Arrangement, 1879.

ON and after MONDAY, the 18th No-  
vember, Trains will leave NEW-  
CASTLE, as follows:

At 12.26 a.m., (Express) for Riviere du  
Loup, Quebec, Montreal and the  
West.

At 2.10 a.m., (Express) for Moncton, St.  
John, Pictou, Halifax, and Inter-  
mediate Stations.

At 9.51 a.m., (Accommodation) for Mon-  
cton, Point du Chene, and Inter-  
mediate Stations, connecting at Mon-  
cton with Express for St. John and  
Intermediate Stations.

At 5.30 p.m., (Accommodation) for  
Riviere du Loup and Intermediate  
Stations.

C. J. BRYDGES,  
Gen'l Supt' Gov't Railways.

Moncton, N. B.,  
November 18, 1878. } nov-20

## INTERCOLONIAL RAILWAY.

CHEAP TRIP.

Opening of the Dominion Parliament.  
Return Tickets at a Reduced Rate.

WILL be issued at the following Stations  
TO OTTAWA, from the 10th to  
15th FEB., inclusive, good to return for two  
months from date of issue.

From Halifax, Windsor Junction, Toronto,  
New Glasgow, London,  
derry, } \$38.00

Amherst, Sackville and Dorchester,  
Moncton, Sussex and St. John, } 27.00  
Chatham, } 25.00  
Newcastle, } 25.00  
Bathurst, } 24.00  
Dalhousie, } 23.00  
Campbellton, } 22.00  
Kimsquik, } 19.00

Pullman Palace Sleeping Cars run through  
from Halifax and St. John to Montreal with-  
out change.

C. J. BRYDGES,  
Gen. Supt' Gov't Railways.

Moncton, Feb. 3, 1879.

## INTERCOLONIAL RAILWAY.

THROUGH PULLMAN CARS.

ON and after MONDAY, the 3rd Febru-  
ary.

PULLMAN CARS WILL RUN TO  
MONTREAL WITHOUT CHANGE.

THEY WILL  
LEAVE HALIFAX ON MONDAYS,  
WEDNESDAYS AND FRIDAYS,  
AND ST. JOHN ON TUESDAYS, THURS-  
DAYS AND SATURDAYS.

C. J. BRYDGES,  
Gen. Supt' Gov't R'y's

Moncton, N. B.,  
January 31st, 1879. } feb-4w