

## METEOROLOGICAL.

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

OCTOBER

DATE.	Time.	Height of Bar.	Thermometer.	Thermometer.	Thermometer.
Sun.	13	8.20 a.m.	29.82	41.1	
		8.20 p.m.	29.77	41.7	
		11.45 p.m.	29.88	43.4	39.0
Mon.	14	8.20 a.m.	30.04	45.6	
		8.20 p.m.	30.08	45.9	
		11.45 p.m.	30.07	47.4	37.5
Tues.	15	8.20 a.m.	30.04	45.6	
		8.20 p.m.	29.83	42.8	
		11.45 p.m.	29.92	42.8	34.1
Wed.	16	8.20 a.m.	30.06	43.0	
		8.20 p.m.	30.08	43.9	
		11.45 p.m.	30.01	43.7	49.7
Thurs.	17	8.20 a.m.	30.02	44.0	
		8.20 p.m.	30.22	46.0	
		11.45 p.m.	30.22	46.0	52.4
Fri.	18	8.20 a.m.	30.29	48.8	
		8.20 p.m.	30.29	48.8	
		11.45 p.m.	30.28	49.0	54.3
Sat.	19	8.20 a.m.	30.28	48.8	
		8.20 p.m.	30.27	48.8	
		11.45 p.m.	30.29	49.0	56.0

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.

## Autumn Care of Stock.

The critical seasons of thrift of our cattle and farm stock are the times of change from stock to hay, and from hay to grass—fall or spring. It becomes all thrifty farmers therefore to bridge over these seasons to the best possible advantage; and in no way can it be better done than by good feeding just previous to and during the transition stages. Many farmers who practice on this principle make as great profit from their cows in the fall as at any other season, and get, if we except the first great rush and flow, a full average quantity and better quality of milk. In the fall there are pumpkins, which are one of the best milk and fresh producers and sustainers when judiciously fed in conjunction with other feed, as corn stover and other matter abundant at this season, which is impracticable to keep into winter. Much of this cost is very much less than the hay, grain, or other feed stored away for winter feed, and is better for present feeding than these, and will produce more and better milk, while the condition of the stock is improved and the system better sustained, if full fed.

Extra fall feeding should be begun when grass begins to grow short, to be increased as the grass diminishes in quantity and quality. Where this system of feeding is practiced, cows will keep up for several weeks their flow of milk (all January or later), giving a handsome profit in milk and butter. The farmer who does not avail himself of the advantage of extra fall feeding, finds his cows begin to diminish with the decrease of pasture, and shrink largely with the first cutting frost, gradually shrinking till they dry off in December, or earlier. A good hard frost generally uses up grass and forage, so that there is very little nutrient left in it; and although cattle may apparently fill themselves (look plump and full), nevertheless they actually shrink in flesh, for enough nutriment to sustain the system cannot be consumed. It is nowise for any farmer to cause his stock to depend almost entirely upon such grazing, giving them perhaps an occasional feed of some poorer quality of roots. Regularity in extra feeding should be the rule.

Many farmers have large quantities of apples, which they are at a loss what to do with, or perhaps they have roots, cabbages, &c., all which can be safely fed to milk cows and other stock, if their allowance of salt is increased. Let no farmer think that because this can be done advantageously, that it may be indiscriminately or injudiciously done. An excess or full quantity given at once to begin on, will not be the same on the animal as on the human system. The way to do is to begin with a small quantity, and gradually increase from day to day till you may feed the animals all they will eat. An illustration of ill effects of over-eating of apples by cows, unaccustomed to them, lately occurred with an acquaintance where the cows broke into an orchard and ate all the apples they chose. They shrank and failed in their milk. Let a child eat as many apples as it can force down, not being accustomed to them, and see what would be the result. Had these same cows been fed on apples, and gradually accustomed to them, such result would not have occurred, even if they ate them all they could. Of course, excesses are to be avoided when possible, but what is here meant is that comparative results are very different.

In the fall, then, the prudent farmer will improve his time and all his advantages; but he should not wait, but begin with summer. He should plan his work beforehand; pumpkins and roots must be started in spring, or at their appropriate season. The man with a single cow often understands and practices something of this, and thereby obtains correspondingly profitable returns. What this man does with one cow, the other man with his herd may do proportionally in a similar manner. Not only is there profit in this feeding cows, but a similar profit is gained by feeding all other farm stock correspondingly well. Good stock in the fall is a first requisite; the keeping it good is the second; the regular attendance is the main thing. Any irregularity in attendance is sure to crop out and tell the tale. If our stock pass the transition of spring and fall safely there is usually no trouble to be apprehended during other seasons; therefore it is wise to do it, and provide for these critical seasons.

W. H. WHITE.

—Country Gentleman.

## For the Little Folks.

## Baby-Land.

"How many miles to baby-land?"  
"Any one can tell;  
Up one flight,  
To your right;  
Please to ring the bell."

"What can you see in baby-land?"  
"Little folks in white—  
Downy heads,  
Cradle beds,  
Faces pure and bright."

"What do they do in baby-land?"  
"Dream, and wake, and play"  
"Laugh and grow,  
Shout and grow,  
Jolly times have they!"

"What do they say in baby-land?"  
"Way, the oldest thing!  
Might as well  
Try to tell  
What a birdie sings!"

"Who is queen of baby-land?"  
"Mother, kind and sweet;  
And her love,  
Born above,  
Gives the little feet."  
—Selected.

## A German Mouse.

I want to give to the "children's column" a true story about a real, live, musical mouse.

Some wise people say that there is no such thing as a singing mouse; but listen to you and I are wise too, and after you have heard my story, you can form your own opinion.

I was in Germany when I saw and heard my mouse.

I lived in a queer, tall, old-fashioned house of brick and stone; the rooms were high, the windows deep and wide.

Sitting on one of the broad windows seats late one night, watching the few passers-by in the moonlit street below, I was suddenly aroused by the sound of the watchman's voice, calling the hour, twelve o'clock.

Rising, I was about to turn back into the room, when all at once I heard the most delicate note, soft and clear, like a far away flute! I listened.

What could it be?

It was not like a bird's cry; and moreover, there were no birds about, for it was midwinter.

Still, I said to myself, what else could it be?

Some pet bird, perhaps, escaped from its cage, was seeking shelter here, might be on the sill outside the window. Crossing the room, I sought the mystery was solved.

On the sill inside, there he sat, the wee singer, as much at home as I was—a little, bright-eyed, glossy, gray mouse.

Noislessly I seated myself near him, and listened to the strange music; for I confess that I had then never heard of a singing mouse, and did not more than half believe that the sound proceeded from him.

As if guessing my thought, and determined to convince me that in musical Germany even beasts can sing, away he scampered from the window, ran across the room and up the cushioned side of my sofa.

Perching himself on one of the arms, his eyes twinkled with a knowing look, as much as to say, "Now doubt, if you dare!" and then he lifted up his voice and sang.

I have read that their song is much like a canary bird, but this did not bear the slightest resemblance to the singing of any bird; it was much softer, and lower, and had a strange, far-away sound, as I said before, more like a flute softly breathed upon than anything else I can think of.

There were no sharp, shrill notes, nor was there any approach to the clear whistle of many of our birds; and instead of the long sustained trill of the canary, there was only a gentle "remmoo."

Very likely, however, mice differ as much as people do in their manner of singing; and my mouse sang according to the German "method," I suppose.

The entertainment lasted for about half an hour, and then before I could reward him with a crumb of cake, he shot away as fast as a mouse can run, and vanished through a little hole in the floor. Now remember, children, that this is a true story, and that some mice do sing.—*Youth's Companion.*

## Power of a Sweet Voice.

There is no power of love so hard to get and keep as a kind voice. A kind hand is deaf and dumb. It may be rough in flesh and blood, yet do the work of a soft heart, and do it with a soft touch. But there is no one thing that love so much needs as a sweet voice to tell what it means and feels, and it is heard to get and keep it in the right tone. One must sit in youth, and be on the watch night and day, at work and play, to get and keep a voice that shall speak at all times the thoughts of a kind heart. But this is the time when a sharp voice is most apt to be got. You often hear boys and girls say words at play with a quick, sharp tone, as if it were the snap of a whip. When one of them gets vexed you will hear a voice that sounds as if it were made up of a snarl, a whine, and a bark. Such a voice often speaks worse than the heart feels. It shows more ill-will in the tone than in the words. It is often in mirth that one gets a voice or a tone that is sharp, and sticks to him through life, and sits up ill-will and grief, and falls like a drop of gall on the sweet joys at home. Such as these get a sharp home voice for use, and elsewhere, just as they would save their best cakes and pies for guests, and all their store food for their own board. I would say to all boys and girls, use your good voice at all times. Watch it day by day, as a pearl of great price, for it will be worth more to you in days to come than the best pearl hid in the sea. A kind voice is a lark's song to a heart that is sweet now, and it will keep in tune through life.—*Youth's Companion.*

A VALUABLE discovery in photography is alleged to have been made by Mr. Gresham, a practical mechanic, of New York, of a method by which a ship may be photographed on the high seas, distant from 100 to 500 miles—the apograph giving the name, the latitude and longitude, and the destination, taken from chalk marks on her deck. Mr. Gresham, after a long series of experiments, has found that he can produce an artificial mirage, the principle of which, he says, is the same as that which reflects in the middle of the desert of Sahara the images of lakes and waters 1,000 miles distant.

What other preparations fail to do, Hall's Hair Renewer surely accomplishes. It renews the hair and especially restores its color when gray and faded. As a dressing it is unsurpassed, making the hair moist, soft and glossy. The most economical preparation ever offered, its effects remain a long time, and those who have once made a trial of it will never use any other.—*Advertiser and Union, Fredonia, N. Y.*

A despatch states that a fire in Riazan, Russia, 110 miles southeast of Moscow, destroyed 28 stone blocks, 31 wooden blocks, and seventy large warehouses, valued at 2,000,000 roubles. The population of the town is about 10,000.

## MIRAMICHI FOUNDRY.

## CHATHAM, N. B.

MANUFACTURERS OF

Steam Engines &amp; Boilers.

SAND AND ROTARY SAW MILLS.

GANG EDGES, SHINGLE MACHINES,

AND GENERAL MACHINERY.

SOLE MANUFACTURERS OF

POND'S WISCONSIN

Patent Rotary SAW CARRIAGE.

This invention pronounced the "No Plus-ultra" of Saw Mills, is destined to sweep all rivals from the field. Interlocking hook and lever dogs are used, by which the logs are dogged and canted automatically.—The Head Blocks are fitted with slide rings, 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 advantage. 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 comparison, capable of felling one of the best Quakers in New Brunswick, and cutting ready for a log per minute.

The right to Manufacture and Sell this mill in the Dominion of Canada, has been purchased by the subscriber, any further information may be had by communicating with me. My salesman, Mr. Carville, will receive parties desiring information, with model and plans of said Mill.

JAMES W. FRASER.

Proprietor MIRAMICHI FOUNDRY.

Chatham, March 25, 1878. 27

## INTERCOLONIAL RAILWAY.

1878. Summer Arrangement, 1878.

ON and after MONDAY, the 29th April, 1878, Trains will leave St. John as follows:

At 8.30 a. m. (Express) for Halifax, Pictou, Point de Chene, Miramichi, Campbellton, and St. John's.

At 10.30 a. m. (Accommodation) for Pictou, Point de Chene, and Way Stations.

At 1.30 p. m. (Express) for Sussex and Way Stations.

At 3.30 p. m. (Express) for Riviere du Loup and all points North and West, and for Halifax, Pictou and intermediate points.

At 6.30 a. m. (Express) from Riviere du Loup and points North and West, and from Halifax and intermediate stations.

At 8.15 a. m. (Express) from Sussex.

At 1.20 p. m. (Accommodation) from Point de Chene and Way Stations.

At 5.00 p. m. (Express) from Halifax and points East and Campbellton and Way Stations.

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

Moncton, 25th April, 1878. oct2

## 1878.

## International Steamship Co's.

## FALL ARRANGEMENT.

## Two Trips a Week.

ON and after MONDAY, September 23rd, and until further notice, the Steamers Master and NEW BRUNSWICK, will leave St. John's for Pictou, Pictou, Point de Chene, Miramichi, Campbellton, and St. John's.

At 8.00 a. m. (Express) for Pictou, Point de Chene, and Way Stations.

At 10.30 a. m. (Accommodation) for Pictou, Point de Chene, and Way Stations.

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## HALL SELLS

## SUNDAY SCHOOL BOOKS.

HALL Sells—

College and School Books.

HALL Sells—

Bibles and Commentaries.

HALL Sells—

All kinds of Books.

HALL Sells—

Room Paper and Paper Blinds.

HALL Sells—

Drawing Paper and Drawing Books.

HALL Sells—

Footstep Paper and Printing Paper.

HALL Sells—

Ledgers, Journals and Day Books.

HALL Sells—

Sheet Music and Music Books.

HALL Sells—

Pencils, Pens and Ink.

HALL Sells—

Writing Desks, Opera Glasses, Port folios, &amp;c., &amp;c.

FREDERICTON, N. B. oct3

## NOT BURNED OUT.

Leather and Shoe Finding.

The subscriber, thankful for past favors, begs leave to say to his customers and all others, that he is still able to supply at usual prices, any who may favor him with their patronage.

J. A. CHRISTIE, 65 King Street St. John, July 2, 77.

## WANTED AGENTS

TO CANVAS FOR

## WITROWS

## "POPULAR HISTORY OF THE DOMINION OF CANADA."

Including the Maritime Provinces from the earliest discovery to the close of LORD Dufferin's administration. In three volumes, full, complete, accurate, and copiously illustrated. A splendid opportunity for energetic Agents.

W. H. RUSSELL, Care of T. S. Sims &amp; Co., Cor. Union and Carmichael Sts., ST. JOHN.

## SAMUEL THOMSON,

## Barrister and Attorney-at-Law,

## Solicitor in Bankruptcy,

## NOTARY PUBLIC &amp; CO.

LOANS Negotiated, Claims Promptly Collected, and Professional Business in all its branches, executed with accuracy and despatch.

OFFICE PUBLIC BUILDINGS, NEWCASTLE, MIRAMICHI, N. B. July 17, 1878.

## KNOW

## THYSELF

By reading and perusing the interesting treatise on the human mind, entitled "Know Thyself," published by the author, J. H. Russell, Esq., of St. John, N. B. Price only \$1.50 by mail.

This book is a most valuable and interesting treatise on the human mind, and contains more than 100 original and valuable facts, which will be found in no other book. It is a most valuable and interesting treatise on the human mind, and contains more than 100 original and valuable facts, which will be found in no other book.

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