

## METEOROLOGICAL.

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

FEBRUARY.

DATE.	Time.	Height of Bar.	Thermometer.	Thermometer.	Thermometer.
Sun.	17	8.20 a.m. 29.98	-9.8	33.8	11.6
		11.45 p.m. 29.98	-9.8	33.8	11.6
Mon.	18	8.20 a.m. 29.98	-9.8	33.8	11.6
		11.45 p.m. 29.98	-9.8	33.8	11.6
Tues.	19	8.20 a.m. 30.07	-1.0	32.2	3.5
		11.45 p.m. 30.07	-1.0	32.2	3.5
Wed.	20	8.20 a.m. 30.18	-1.5	32.2	3.5
		11.45 p.m. 30.18	-1.5	32.2	3.5
Thurs.	21	8.20 a.m. 30.14	-2.8	31.4	-15.9
		11.45 p.m. 30.14	-2.8	31.4	-15.9
Fri.	22	8.20 a.m. 30.07	-9.8	33.8	11.6
		11.45 p.m. 30.07	-9.8	33.8	11.6
Sat.	23	8.20 a.m. 30.07	-9.8	33.8	11.6
		11.45 p.m. 30.07	-9.8	33.8	11.6

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.

## Poetry.

(Written for the Union Advocate.)

**Peggie Charity.**  
A la Skinkers "Lily Liberty,"  
Tune "Tibbie Fowle" by the Glen."

There lives a lassie in yon dell,  
And Peggie Charity they call her,  
A rarest pearl, ay, beauty's self,  
So many lads are wooing her,  
Courtin' her, but canna get her,  
Bonny Peggie Charity, you see mony!

A poet thought, 'twas thymist art,  
(O like love but to cure her,  
Yet Peggie didna love her heart,  
But leugh at his poetic furor  
The poet chief was wooing her,  
For a' his jingles eudna get her,  
Bonny Peggie Charity, you see mony!

WF bushy beard, and forehead high,  
And o'er his eyes a pair of spectacles,  
Another comes, his chance to try,  
But Peggie cared na for his clatter  
The grave sinner was wooing her,  
Courtin' her, but canna get her,  
Bonny Peggie Charity, you see mony!

Syne at him, in person's gown,  
A well-dressed, well-to-do man,  
Who comforted her, and pushed her on,  
Thinks he is nae the man to lose her,  
Wooing her, but canna get her,  
Bonny Peggie Charity, you see mony!

And neist, can nae be a don, &  
A well-dressed, well-to-do man,  
He didna care, he didna care,  
But spak o' pure, and plain and hallow,  
He's wooing her, but canna get her,  
Bonny Peggie Charity, you see mony!

A birkie neist, ca'd Lillian List,  
Sae spruce, and sae a lovely preacher,  
The bonny lassie 'maist had kissed,  
And O! how he did praise, and flesh her!  
He's wooing her, but canna get her,  
Bonny Peggie Charity, you see mony!

Now friends tak' ye a friend's advice,  
Her sister Lily livin' yet,  
Mak' mair o' her, if ye be wise,  
For Peggie, troth, she'll never lea' her!  
For a sae mony, you see mony!

Courting her, but canna get her,  
Bonny Peggie Charity, you see mony!

Feb. 29th, 1878.

## The Farmer's Corner.

## Draining Land.

Upon the subject *Our Home Journal* says:—Clay soils cannot produce to the full extent of their ability unless under-drained. The ordinary routine operation of plowing has a tendency to form a compact stratum immediately below the cultivated or plowed portion, which acts as a basin in the retention of water; such soils are cold and late, because the water prevents the heat of the sun from warming the soil until the water has been removed by evaporation, which produces cold; so that in addition to the impracticability of early spring cropping of such soils, every summer shower cools the earth surrounding the roots of the growing plants, which thus sustain a series of checks in their progress to maturity.

These evils are removed by draining, even the strongest clays are more or less permeated by veins of sand or gravel, sometimes by a layer of vegetable matter which has collected in a crack or fissure; but so long as there is no outlet beneath these conducting veins they are inert, but when under-laid with drains their action is at once apparent; the sub-soil that previously held water like a basin now transmits like a filter, and as the water sinks the air follows; the rains descend freely through the soil, carrying to the roots the nutritive element with which it is charged; it holds more moisture in suspension and crops remain luxuriant even in seasons of drought, and superfluous water being removed from below, the heat of the sun is economized in warming the soil, instead of being expended in the evaporation of surface water.

Briefly it may be stated that some of the advantages of underdraining

consist in the removal of stagnant water from the surface, and excess of moisture from heavy rains; the temperature of the soil is increased, which allows early planting of crops, and hastens their maturity; it equalizes the temperature of the soil during the growing season; it equalizes the moisture of the soil, so that crops are in a great measure exempt from the evils resulting from excess of rainfall on the one hand, or from a deficiency of rainfall on the other; the roots of plants are supplied with soluble food carried down by rains, as well as that which is rendered available by the decomposing influences of air and moisture on the surrounding soil, and on such manures as are applied for additional fertilization; the land is more economically worked, and cultivation suffers less interruption at all seasons, and as a consequence crops are increased to their maximum production, at least so far as they are dependent upon the physical condition of the soil, a factor of equal importance with that of its chemical constitution.

## Butter Cream.

Cream becomes bitter by keeping it too long before it is churned. A butter maker says:—"In summer there is little butter milk or cream, because the cream is churned sooner than in winter, seldom reaching the third day. Sometimes, where there is a single cow kept, I have known the butter to show on account of the small quantity of cream accumulating. The summer practice is reversed in the winter. There being too little milk to require frequent churning—say one, and sometimes two churnings a week—we account readily for the evils complained of. The fore part of the season, when milk is in greater quantity, necessitating more frequent churning, I have not had the least complaint. It matters not how good the feed is—if the tenderest hay and roots are added, making an approach to summer feed; nor how clean the milk is kept, the most perfect milk if set beyond three days will be hurt. The writer of this has filled the vessel, leaving barely space enough for a cloth to be stretched over without touching the milk, and a snug lid put on, keeping the air out, but all to no purpose. So, in the purest air, in all the temperatures, it is the same.

## Position of Germany.

Bismarck, in his speech in the Reichstag stated that the Russian official communication made it certain that the chief interests of Germany—viz., freedom of water ways, such as the Straits of the Danube, for commerce—would be maintained. He believed it was Russia's interest to come to an understanding, and not have the fear of complications with Austria or England constantly impending. The supposition that Russia might forcibly compel the other powers to accept settlement to which they objected, was altogether out of the question. He thought that Russians had pushed forward their troops under the cloak of negotiations. He believed that all the powers honorably desired to send representatives speedily to Conference. He believed the idea of Germany engaging in the war relative to the Eastern question. Nothing should induce him to hazard rupture with the powers relative to questions in which Germany has no direct interest. Government—at least neither of those principally interested had proposed that Germany should enter on such a course. (Speech loudly cheered.)

## RAILWAY ACCIDENT.—The Montreal Times says:—On Wednesday morning a freight train—with driver Cox and fireman Burns—loaded with fresh beef from the Upper Provinces, bound for Halifax, was descending a heavy grade near Tartigue, 19 miles south of St. Flavie, the engine broke away and the train parted. The fireman stopped his engine, and while backing up to the train lost control of the engine and could not reverse her when he saw the train coming down on him. There was a collision, and the tender was driven up on the cab of the locomotive. The fireman, William Burns, was caught in the cab between the tender and the end of the boiler and was killed. The engine and tender were both jammed and scalded. Several of his ribs were broken. His life is despaired of. Burns is said to be a native of Maine and unmarried. The shock of the collision was so great that not less than seven of the safety draw-bars on the twelve Wicks' refrigerator cars composing the train were broken.

## A CURIOUS FIRE.—A few days ago, in one of the most careful households in this city, where fenders guard the fireplace and safety matches aggravate the strange visitor, smoke was discovered in a room adjoining the one where the family were at breakfast. Investigation showed that a chair in the room was burning. How it could have taken fire was a mystery, until it was noticed that the fenders, falling on a large magnifying lens used to study photographs with, had been concentrated through it the heat, and had set the burning. If the family had not fortunately selected for breakfast an hour when the sun is pretty near the zenith and so practically fixed it to have some of the room at that dangerous time, the whole house might have been mysteriously destroyed.—Hartford (Conn.) Courant.

## CRANE, WAITE &amp; CO

14 &amp; 16 CENTRAL STREET, - BOSTON, MASS.

## MACHINERY AND WOOL OILS,

WEST VIRGINIA,

TALLOW,

CYLINDER,

ENGINE &amp; LARD OILS.

April 4, 1877.

## LANDING NOVEMBER 1ST.

25 puns Very Bright DEMERARA MOLASSES;

50 bbls. EXTRA C. SUGAR;

50 " Granulated SUGAR;

50 boxes, " TOBACCO;

100 caddies, " TOBACCO;

50 bbls. Choice and Extra Quality Congo.

And to arrive per Allan Line from London:

150 half-caddies, CONGO TEA.

BERTON BROS.,

St. John, N. B.

nov. 2.

## FURNITURE FACTORY.

THE Subscribers have commenced business in the building adjoining the Methodist Church, and are prepared to make up

## FURNITURE IN ANY STYLE,

and in a prompt and satisfactory manner.

Attention given to

## TURNING OF ALL KINDS.

Wooden Pumps made to order, and

Pumps of all kinds Repaired.

Orders solicited for every description of

joiner work.

## Furniture Cleaned &amp; Repaired.

R. G. ANDERSON &amp; SONS.

Newcastle, Dec. 4, 1877.

## SMELT BOXES.

THE Subscriber is now making up a large

quantity of

## SMELT BOXES,

which he calls the attention of those engaged

in the exportation business. These

boxes are made up of the very best of

material, which will effect a saving in the

freight, and consist of various sizes to suit

the different markets.

Orders from any quarter will be promptly

and satisfactorily filled at

## Loggie's Sash &amp; Door Factory.

P. LOGGIE,

Public Wharf, Chatham,

Nov. 20, 1877.

## Christmas and New Year Presents

FOR SALE VERY CHEAP AT

RICHARD DAVIDSON'S.

Assortment New and Complete in all Departments.

## Dress Goods.

In all the fashionable Materials and Colors

Ladies' Silk and Wool Neck Ties, Colors

Scarves, Brocade Shawls, Ladies' Wool

Shawls, Ladies' Wool Vests,

Ladies' Manteles Cloth SACQUES,

Ladies', Misses' and Girls' Ulsters,

Yarns and Fingerings, assorted Colors.

## READY MADE CLOTHING

In Men's Ulsters, Over Coats, Revers, Win-

ter Pants, Vests, and Coats, Boys' Revers

and Over Coats.

## CANADIAN TWEEDS AND HOMESpun,

Black Manteles Cloth. Also the usual

assortment of Fur, Boots and Shoes, Har-

dware, GROCERIES, Groceries, Groceries,

Seal Brown and Navy Blue two button first

class.

## BOUILLOIN KID GLOVES

A SPECIALTY.

Newcastle, 3rd Dec. 1877.

## TWINES! TWINES! TWINES!

Just Received from Edinburgh, England, via

Liverpool and Halifax, ONS TUN

Salmon, Trout and Mackerel Twine,

CHEAP FOR CASH at the "SALTER

BRICK STORE."

JNO. FERGUSON.

Newcastle, Feb. 4, 1878.

## CHRISTMAS!

To enable all who shall require Ornaments

for the Holiday Season, I shall

until the 5th day of JANUARY, 1878,

place the whole of my STOCK of

## STAPLE &amp; FANCY DRY GOODS

before my Customers and the Public, at a

very large reduction, FOR CASH.

Special Lines of Ladies' and Children's

Felt Hats—at 25c, 35c, and 50c. Special

Lines of Ladies' Tweed Under-shirts—at 75c,

\$1.00, \$1.25, \$1.50. Special Line of Plain and

Patterned, 25c, 35c, and 50c. Special Line

of Ladies' Fur-Trimmed Cloak and Seal Skin

Caps—last season's styles—at less than Cost.

Special Lines of Men's Linen Buck Mitts and

Gloves—at 50c. per pair. Fur Caps, Fur

Muffs, Road Collars, and Fur-trimmed

below cost. Boys' Knitting Jackets, at \$3.00

and \$4.00. Clouds, Scarfs, Shirts, Sprays,

Coats, Gaudies, Mitts, Breeches, Infants,

Socks, Jackets, Breakfast Shawls, Cross-

overs, Sontags, and Wool Goods in every

variety. Ribbons, Laces, Flowers, Fringes,

Velvets, Trimmings, Berlin Chair Cush-

ions, Zephyr, Yarns, Levantine, Single and

Double Berlin and Fingering Wools, and

Yarns. Embroidering, Working and Hosi-

ery. Ladies', Misses' and Boys' Ulsters.

"COMMERCIAL HOUSE,"

Chatham, Dec. 13, 1877.

## PARTIES IN WANT

OF A

## FIRST CLASS PIANOFORTE,

FITTED with all the modern improve-

ments, can purchase a good reliable

instrument at less than the invoice price, by

consulting the Subscriber.

## A FIRST CLASS

## BURDETT ORGAN,

NINE STOPS, suitable for a Church,

Parish Hall or Parlor, is also offered at a

large bargain. This instrument has not its equal

for the price, in Miramichi, and is pro-

nounced A. 1 by those who should be good

judges.

For terms &amp;c., apply to

JAMES J. ANSLAW,

"Advocate" Office.

Newcastle, July 31, 1877.

First Letter Foundry in New England.

COMMENCED IN 1817.

## BOSTON TYPE FOUNDRY,

104 MILK STREET, BOSTON,

JOHN K. ROGERS, Agent.

SPECIMEN BOOKS to all Customers,

and SPECIAL BARGAINS to Colonial Printers.

April 2, 1877.

## BUTTER AND CANNED GOODS.

50 tubs BUTTER,

200 boxes CANNED GOODS;

20 bbls. DRIED APPLES;

10 bbls. BUCK WHEAT FLOUR.

For sale low before moving to our new

Warehouse in Smith street.

BERTON BROS.,

St. John, N. B.

nov. 2.

## WINTER IS COMING.

Special for December &amp; January.

A. J. LOGGIE &amp; CO.

beg to announce that they will make still

further reductions on their prices and

offer BARGAINS that cannot be surpassed.

A Choice Lot of Coloured Dress Goods, very

low; also, Black and Mourning Dress

Go.-s, Winceys, Tartans, Flannels, Cottons,

Linen.

## SHAWLS! SHAWLS! SHAWLS!

Ladies' Scarves and Socks Cloth, HO-

SIELEY, HOSIERY, striped and plain, all

the fashionable colors; Ladies and Gents

Gloves and Mitts, lined and unlined;

FURS! BARGAINS IN FURS.

A choice lot of Killed Wool Goods in

Promenade Scarfs, Squares and

Collarets.

BALON TRIMMINGS and SEQUIN BUTTONS.

Fringes all colors, very low. A Choice Lot

of

## Ladies &amp; Gents Ties &amp; Scarfs.

Silk and Linen Handkerchiefs, Cashmere

Mufflers, Woolen Scarfs and Cardigan Jack-

ets, Lunette Mitts, Quilted Skirts, Table

Covers, Comfortables, Railway Wrap-

pers.

## Blankets and Horse Rugs.

A large Stock of Wool Shirts and Drawers;

Irish Frieze, Pilot and Beaver Cloth, Reel-

ing Jackets.

## Men's Ulster Overcoats.

A. J. LOGGIE &amp; CO.

Chatham, Dec. 18, 77.

## DENTISTRY.

DR. M. C. CLARK,

SURGEON DENTIST.

Can be found at his Office over Mr. J. Noon-

an's Store, Chatham, where he intends re-

siding.

Particular attention given to gold fill-

ings and regulation of children's teeth.

## FOR THE HOLIDAYS!

The Elevated Oven Cooking Stoves

Are all equipped with the Patent FIRE

KING OVEN, with Telescopic Linings, and

parties purchasing should be sure to ask for

this oven, as it will save trouble, time and

expense. I would call the attention of Lumbermen

to my new

## CAMP HEATING STOVE,

Made of No. 20 heavy sheet iron with Cast

Iron rods and legs, which have been

highly approved of by most of our

heaviest Lumbermen.

I have also on hand a

## Large Stock of Ready-Made Tinware

and Stove Pipe.

Patented Preservative Kettles and Sauce Pans,

Enamel Zinc Stove Boilers, Sad Irons, Tub-

s, Kettles, and an extensive assortment of

Japanese and Stamped Extra Stove