

METEOROLOGICAL.

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

OCTOBER									
DATE.	Time.	Height of Bar.	Thermometer.	Thermometer.	Thermometer.	Thermometer.	Thermometer.	Thermometer.	Thermometer.
Sun.	6 30 a.m.	30.05	45.9						
	9 30 a.m.	30.02	45.1						
	11 45 a.m.	30.08	45.5	55.5	24.8				
Mon.	7 30 a.m.	30.21	43.5						
	9 30 a.m.	30.24	43.5						
	11 45 a.m.	30.24	45.0	54.0	28.5				
Tues.	8 30 a.m.	30.19	44.7						
	9 30 a.m.	30.23	45.0						
	11 45 a.m.	30.26	45.0	57.1	29.3				
Wed.	8 30 a.m.	30.01	45.0						
	9 30 a.m.	30.01	45.0						
	11 45 a.m.	30.01	45.0	56.1	24.4				
Thurs.	8 30 a.m.	30.24	47.0						
	9 30 a.m.	30.29	46.6						
	11 45 a.m.	30.29	46.6	58.0	24.6				
Fri.	8 30 a.m.	30.14	38.6						
	9 30 a.m.	30.17	40.7						
	11 45 a.m.	30.22	40.9	52.3	30.0				
Sat.	12 15 p.m.	30.24	43.7						
	3 30 p.m.	30.24	43.3						
	5 30 p.m.	30.31	43.3	49.0	27.4				

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.

Hints for Work.

The American Agriculturist for October contains the following:

Be Prompt now, when the days are shortening and the season for field work is rapidly nearing its end. Utilize every hour for securing the crops yet ungathered. Neglect no chance for putting the ground in order for spring work, but turn every fair day to account that nothing be neglected.

Make a Note of what Remains to be Done.—There are a score of things to be done on every farm that may be considered of little account singly, but which in the aggregate make up a serious total. Every one should look about, note down what needs to be done, and frequently examine the record.

Harrowing Wheat in the fall should only be done when the surface of the field is dry. No kind of cultivation should take place when the ground is wet. Experimental cultivation should be done as early as possible. Deep plowing is not needed. To kill weeds and mellow the surface are what is wanted. Harrowing may be done safely two weeks after sowing, and repeated twice or thrice. Then Grass Seed may be sown, but not before. It will take at once on the mellow soil, and soon get ahead of that treated in the usual let-alone manner.

Wheat and Grass Fertilizer.—Wheat needs nitrogen at this season, and so does the grass. 100 lbs. per acre of nitrate of soda would be a help to both.

Green Fodder for Spring.—Rye may be sown any time this month; the sooner the better for early spring feed. Sow thickly, 4 bushels per acre, and fertilize well. Where the winters are open, as in the border and Southern States, this will make excellent winter pasture and give a crop of grain or green fodder besides.

Mangels and Beets are injured by frost. These should be gathered and secured in pits this month, where frost is prevalent. The fresh leaves have an injurious effect upon cattle if fed in excess. A day or two after cutting, they may be fed safely—a pressed bushel-bushel at a time, sprinkled over with a handful of salt.

Turnips will resist considerable frost and grow rapidly in cool weather. If standing too thickly in the rows, thin out, using those removed as fodder. If fed to cows, they should be given at milking time. The flavor will disappear before 12 hours have expired, and will not materially affect the milk.

Horses that have been on pasture should now be taken up at night, and have some dry feed.

The Change of Feed, from green to dry, should be gradual with all stock; otherwise, the appetite may fail, and the animals lose thereby.

Milking Cows can not be kept in full flow without a ration of fresh fodder. As the pastures become bare, newly cured corn-stalks, cut and mixed with chopped roots, and sprinkled with middlings, and ground corn and oats, may be given. Liberal feed always pays with the right kind of cows.

The Aim in Feeding now, should be to get the stock good condition before cold weather, remembering that an animal beginning the winter well, is as good as half through it already.

Sheep, if fed liberally, and managed carefully, are most profitable stock. The better we do for them, the better they will do for us; badly managed, they are likely to prove a failure.

For March Lambs, the ewes should be coupled this month. The best ewe is a common grade Merino, or ram, and next, a Hampshire-Down, and next, a Cotswold, is the best animal to cross upon these. A plump, fat lamb, of moderate size, will bring more than a "scrawny" one half as big again. The black face and legs of the "Down" breeds are desirable in market lambs.

Feeding Sheep for Market is a profitable business for those who have judgment to buy well, to feed well, and sell well. Two profits can easily be made: A big manure heap, and good pay for feed and care will be returned to the skillful feeder.

Swine.—Brood sows should be well fed now, so that they will be in good condition for coupling next month for business. Grades of half-breds of any good breed are more profitable than full bloods for the farmer. Keep no pig over a year old for fattening, if the most profit is looked for.

Feeding for Pork may best be begun at once, using up the soft and poor corn first. Some feed green

stalks, cut fine, and mixed with meal; this will bring the pigs into a thrifty condition, to be finished very rapidly in November.

Full Pigs may be carried over on skim milk, a few cut corn-stalks, potatoes or roots, with a little bran, and plenty of fresh water.

Water.—It is a great mistake to stint animals in water; 75 per cent. of their weight is water. Digestion cannot go on without it. Water is therefore food in one sense, and an ample supply should be provided for every animal to drink when inclined.

Poultry.—If eggs are expected during the winter, they must be provided for now. Dispose of the old hens; select as many of the best young pullets and feed them well. Give wheat soaked in hot water, once a day. Barley, buckwheat, and corn, in equal proportions, may make the rest of the food; chopped cabbage will help. Provide clean quarters, plenty of water, gravel, old mortar, and charcoal. Make the house warm; do not crowd too many into it, and a good supply of eggs will result.

For the Little Folks.

Room at the Top.

Never you mind the crowd, lad,
Or fancy your life won't tell;
The work is the work for 'at
To him that doeth it well.
Fancy the world a hill,
Look where the milkins stop:
You'll find the crowd at the base, lad;
There's always room at the top.

Courage and faith and patience,
There's space in the old world yet;
The better the chance you stand, lad,
The further along you get.
Keep your eye on the goal, lad,
Never despair or drop;
Be sure that your path leads upward;
There's always room at the top.

Little Savings.

"What a nice little penknife," said Charlotte to her friend Hattie, as she watched her sharpening her pencil at recess. "You always have everything handy. I never get money enough to supply myself with these little conveniences," and she slipped a confection in her mouth as Hattie closed her knife and put it away.

"My knife was a very cheap one, but it answers my purpose well enough. I have very little spending money; but then I try to turn it to the best account I can. I really think, Lottie, you have twice as much as I in the course of a year."

"Why, Hattie, my father never gives me a dollar at a time, unless it is for some express purpose, like a new hat or dress, and mother has the spending of it."

"I am glad of dimes and half dimes, and pennies, even," said Hattie, smiling.

"A dime wouldn't buy much," said Lottie, indifferently.

"But three of them bought my little knife, and two of them and a half dime bought my little ivory sleeve-buttons you admired so much—those with the initials on them. Whenever I want any 'notion' of that sort, I just begin to save every penny that comes into my possession until I get it. And I generally succeed; but, really and truly, Lottie, I shouldn't have a single thing of the sort if I ate candy the way you do."

"Why, Hattie, you know I only spend most trifling sums for these things. I like an orange with my luncheon, or a paper of candies, and a father will almost always give me a bit of change to get it. They don't cost much."

"That is just what I am trying to show you. Come round to my room after school, and I will show you what my little savings, and some very small earnings on the sewing-machine, have bought for me. Then, maybe, you will adopt my plan, too. It will give you ten times the pleasure you get out of your sweets, and be of a lasting sort. The want of just these little things is often a very great inconvenience. I know a gentleman who said he would pick up a pin if he saw it on Broadway, for he remembered times when he would have given twenty-five cents for one."

"Laziness" was always my mother's motto; she cares not for me except all through the house, and I don't believe any one in town, with as limited means, has a greater number of household conveniences, and she gets them all, she says, by little savings."

Christian Standard.

Never do it.

Never reply to father's scolding.

Never speak to mother unkindly.

Never act ugly to brother or sister.

Never correct father or mother when they are telling anything in public.

Never steal any thing, or tell an untruth, or speak ugly words, or circulate scandal.

Never seek play when you can be more usefully employed.

Never say "I can't," or "Let Jim," or "I don't want to," when you are told to do anything.

Never go to sleep without prayer, as it may be the last chance you will have.

Never omit an opportunity to do a kind word.—Sunday School Herald.

put a few crabs into the empty pot. She came running to see what had happened to Polly, freed her finger from the crab's grasp, and said, "Let this little punishment be a warning to you, for greediness may cause you much greater misfortunes."

Many persons who in early years have indulged in the love of eating, waste their money, injure their health, and, what is still worse, their souls, by giving way to gluttony.

The drunkard and glutton shall come to poverty!—Child's Own Magazine.

Children in schools have generally far too much intellectual exercise—at least their intellectual employments are continued too long and too conscientiously. It is, therefore, imperative that the teacher should give considerable attention to the cultivation of the physical powers, to secure and preserve the proper energy of all the vital powers. Of course the teacher's duty in regard to the physical well-being of his pupils does not begin to stop with calisthenics. He should attend most carefully to the temperature and ventilation of the school-room, and give his pupils practical rules with reference to their clothing, cleanliness, food, etc.—Canadian School Journal.

The Hon. Constantine Mary Germain Howard, fourth daughter of Lord Howe, of Gloucester, and sister of the Marquis of Bute, is about to enter a sisterhood in connection with the Roman Catholic Church.

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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 du Chevre, Miramichi, Campbellton, and Way Station, and Prince Edward Island, (during navigation) and intermediate points.

At 10.20 a. m. (Accommodation) from Point du Chevre and Way Stations.

At 9.30 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 West to New Brunswick, and from Halifax and intermediate stations.

At 9.15 a. m. (Express) from Sussex.

At 1.30 p. m. (Accommodation) from Point du Chevre and Way Stations.

At 8.00 p. m. (Express) from Halifax and Pictou, and Campbellton and Way Stations.

C. J. BRYDGES.

Gen'l Sup't Gov't Railways.

Moncton, 26th April, 1878. oct2

1878.

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FALL ARRANGEMENT.

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ON and after MONDAY, September 23rd, and until further notice, the Steamers "CITY OF PORTLAND," S. H. Pike, Master, and "NEW BRUNSWICK," D. S. Hall, Master, will leave St. John for Boston, Monday and Thursday mornings, at 8 o'clock, and Portland at 8 p. m., after arrival of noon train from Boston, for Eastport and St. John.

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W. H. CHISHOLM, Agent.

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