The Messenger Almanac.

OCTOBER.

New Moon, Oct. 4th, 0h. 29m. M.
First Quarter, " 10th, 8h. 21m. A.
Full Moon, " 18th, 0h. 12m. M.
Last Quarter, " 26th, 2h. 46m. M.

Day	Day W.	SUN. Rise.	SUN. Sets.	MOON. Rises.	MOON. South.	MOON. Sets.	High Tide at Halifax
1	Fr..	6 2	5 38	3 23	9 42	4 1	5 54
2	Sa..	6 3	5 36	4 30	10 27	4 24	6 38
3	SU.	6 4	5 34	5 38	11 14	4 50	7 15
4	M..	6 5	5 32	6 50	A. 4	5 18	7 49
5	Tu.	6 7	5 30	8 4	0 56	5 48	8 23
6	W.	6 8	5 28	9 18	1 52	6 26	8 59
7	Th.	6 9	5 27	10 30	2 50	7 10	9 37
8	Fr.	6 10	5 25	11 36	3 51	8 6	10 18
9	Sa..	6 12	5 23	A. 33	4 52	9 11	11 2
10	Su.	6 13	5 21	1 20	5 51	10 22	11 55
11	M..	6 14	5 19	1 59	6 47	11 35	M
12	Tu.	6 15	5 18	2 31	7 39	M	0 58
13	W..	6 17	5 16	3 0	8 29	0 47	2 20
14	Th.	6 18	5 14	3 24	9 16	1 58	3 50
15	Fr..	6 19	5 12	3 48	10 3	3 8	5 6
16	Sa..	6 20	5 11	4 13	10 49	4 18	6 2
17	Su.	6 22	5 9	4 40	11 36	5 25	6 47
18	M..	6 23	5 7	5 11	M.	6 32	7 29
19	Tu.	6 24	5 6	5 44	0 24	7 37	8 5
20	W.	6 26	5 4	6 24	1 13	8 42	8 39
21	Th.	6 27	5 2	7 9	2 3	9 42	9 14
22	Fr.	6 29	5 1	8 2	2 52	10 35	9 48
23	Sa.	6 30	4 59	8 59	3 43	11 24	10 21
24	SU.	6 31	4 58	9 56	4 33	A. 7	10 56
25	M..	6 33	4 56	10 58	5 18	0 40	11 36
26	Tu.	6 34	4 54	M	6 4	1 10	A. 25
27	W.	6 35	4 53	0 1	6 49	1 37	1 26
28	Th.	6 37	4 51	1 3	7 32	2 1	2 43
29	Fr..	6 38	4 50	2 9	8 17	2 25	4 1
30	Sa..	6 39	4 49	3 18	9 4	2 50	5 4
31	SU.	6 41	4 47	4 27	9 51	3 15	5 55

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parrsboro,' Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes LATER than at Halifax. At Annapolis, St. John, N.B., and Portland Maine, 3 hours and 25 minutes LATER, and at St. John's, Newfoundland, 20 minutes EARLIER, than at Halifax. At Charlottetown, 2 hours 56 minutes LATER. A Westport, 2 hours 54 minutes LATER. A Yarmouth, 2 hours 20 minutes LATER.

FOR THE LENGTH OF THE DAY.—Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT.—Subtract the time of the sun's setting, from 12 hours and to the remainder add the time of rising next morning.

Ayer's Sarsaparilla

For Scrofula, and all scrofulous diseases, Erysipelas, Rose, or St. Anthony's Fire, Eruptions and Eruptive diseases of the skin, Ulcerations of the Liver, Stomach, Kidneys, Lungs, Pimples, Pustules, Boils, Blotches, Tumors, Tetter, Salt Rheum, Scald Head, Ringworm, Ulcers, Sores, Rheumatism, Neuralgia, Pain in the Bones, Side and Head, Female Weakness, Sterility, Leucorrhœa, arising from internal ulceration, and Uterine disease, Syphilitic and Mercurial diseases, Dropsy, Dyspepsia, Emaciation, General Debility, and for Purifying the Blood.

This Sarsaparilla is a combination of vegetable alteratives—Stillingia, Mandrake, Yellow Dock—with the Iodides of Potassium and Iron, and is the most efficacious medicine yet known for the diseases it is intended to cure.

Its ingredients are so skilfully combined, that the full alterative effect of each is assured, and while it is so mild as to be harmless even to children, it is still so effectual as to purge out from the system those impurities and corruptions which develop into loathsome disease.

The reputation it enjoys is derived from its cures, and the confidence which prominent physicians all over the country repose in it, prove their experience of its usefulness.

Certificates attesting its virtues have accumulated, and are constantly being received, and as many of these cases are publicly known, they furnish convincing evidence of the superiority of this Sarsaparilla over every other alterative medicine. So generally is its superiority to any other medicine known, that we need do no more than to assure the public that the best qualities it has ever possessed are strictly maintained.

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Sept. 29, 1880.

AGRICULTURE.

SOILING.—By "soiling" is generally understood feeding stock with green fodder. Whether keeping stock up in stables or yards during the summer, and cutting feed for them is more economical and consequently the most profitable, is a question it would be well for farmers to look into. Of course there are circumstances in connection with either plan, that of soiling or pasturing, which must be taken into consideration, and in laying down a rule or presuming to advise on the subject, allowance must be made for peculiarity of circumstances. Where land is rough or wet it can be pastured to good advantage when not fit for the plough, but in discussing the subject of soiling we assume the land to be under a good state of cultivation, in a condition to raise crops, when, it is safe to say, less than one half of the land required to pasture a drove of cattle will keep them better by cutting the grass or other fodder and feeding in the yards. True this means some labor, but the amount of manure saved, and the better conditions of the cattle fully repays the labor, with the balance of the land upon which to raise other crops. Many of our farmers, practise the pernicious course of allowing their stock to roam at will over the fields, particularly on stubble, where the ground was seeded, the young clover being green and fresh stock will eat it ravenously, and tramping over it during the hot dry weather of the summer months is very injurious to the young grass. This will apply in in a large measure to old pasture fields. It is not only the pasturing, but the continued tramping and stamping in the hot, dry weather that kills out the grass.

There are several distinct advantages derivable from the practice of soiling.

1. It saves land.
2. It saves fencing.
3. It economizes food.
4. It keeps the cattle in better condition.
5. It increases the quantity of manure.

On the other hand there is little to recommend pasturing, except a saving of labor which we have before stated as fully compensated for by the amount of manure saved. The kinds of fodder used mostly for soiling purposes in this section are clover, corn, rye, and oats. Rye makes an excellent early crop. After this comes the clover, then oats and Indian corn. Seeing the droves of cattle roaming over the fields or on the roadside, catching a bite when and where they can introduced the subject of soiling, and we cannot but wonder that from the many advantages it has, soiling is not more generally practiced among our farmers. We mean those whose farms are made up of arable land entirely. It is true some few have sufficiently acknowledged its advantages to try it, and these are well satisfied with the results. In the back townships where the land is new, the much waste land not fit for the plough, we do not expect anything else, but in this part of Ontario, where we are writing, and in fact throughout all the older sections it should be—and we believe will be—the rule instead of the exception before many years go by.—*Canada Farmer.*

TRIMING YOUNG APPLE TREES.—*Some hints on what not to do.*—There is nothing so easy to do as to neglect to trim a young orchard. We know this from experience. And there is this to it: a young tree grows very fast, and when young and thrifty we think it can be trimmed when it gets larger, so the very work that should be done is neglected at the time when it is most necessary to have it done. A year or two goes by, and at last you find out your little tree has got the better of you. We found this out in pruning some young trees, which, though we must confess it ought to have been attended to in this respect a year ago, but were neglected on account of pressing work in other directions at a time when it should have been done.

Young apple trees, if set in a good, hearty soil, will grow very fast. Limbs and shoots multiply in all direction. They crowd inward upon the tree, filling all the space with foliage, and if you look at one of these young, untrained trees, growing in a good location, you will find a dense, round head which you can hardly see through anywhere for leaves. The lower part of the top is so shaded by this thick growth on the small shoots that the leaders of the main branches stretch upward rapidly for sun and breathing room. If neglected, therefore, in the matter of thinning in the early years of the tree's life, the main limbs attain a long, upright, slender growth, which give the trees too high a head, rendering them imperfect in shape, and making the gathering of the fruit a difficult matter.

VARIETIES.

The following grave remark is credited to a Cape Cod sexton. It was an exceptionally fine day in September when the fashioner of final resting-places said, with a sigh of regret: "This would be a lovely day fur a berrien—ef there was anybody to be berried."

A Pictou paper once treated its readers to the National Anthem in Gælic. We gladly reproduce:—

"Dhia gleidh ar Bhanrigh mhor.
Beatha bhuan da'r Bhanrigo choir,
Dhia gleidh Bhanrigh.
Thoir buaidh dhi 'us solas,
Son agus ro ghloirmhor,
Fad 'chum riaghladh oirnn:
Dhia gleidh 'Bhanrigh!

A Thighearn' ar Dia eirich,
Sgap a naimdhdeam eitich,
'Ts leig lad sois.
SkoN|$ g$☎¯(¿*W9▬'$£§e*Do* J,"O!
W) ʁ, LÆ'ʟ𝐷ff do'n¦ gi—giv me
any mo—mor EGaliC.,'

[NOTE.—The last few stanzes are by our compositor, who seems to have got confused and mixed the type up, so that the proof reader did not know where to commence to correct it, so let it go. Said compositor won't be fit for work for a week.]—*Another Pictou paper.*

Music teacher to scholar: You see that note with an open space; that is a whole note. Can you remember that? *Scholar*—Yes'm. A hole note is a note that has a hole in it.

A sweet little incident is related by a writer who says: "I asked a little child not long ago. 'Have you called your grandma to tea?' 'Yes, When I went to call her she was asleep, and I did'nt know how to wake her. I didn'nt wish to *holloa* at grandma, nor *shake* her; so I kissed her on the cheek, and *that* woke her very softly. Then I went into the hall, and said, pretty loud, 'Grandma, tea is ready; and she never knew what woke her.'"

SCIENCE.

An exchange gives the following item, which may not be untimely, as the mosquito season has not yet passed its height:—To cure mosquito stings nothing is better than a twenty per cent. solution, in either oil or water, of pure carbolic acid. This is to be rubbed well on the painful spot. To bathe one's tingling hands and smarting limbs with this solution gives a cooling, grateful sensation that is hard to describe. Carbolic soap will do almost as well, or an ointment compounded of carbol camphor, and cosmoline.

A NEW STOVE POLISH.—I would like to ask if it is generally known how useful linseed oil is on stoves—especially cooking stoves and iron kettles? It is original with me, and I like it so much that I want to give my method of using it. In the first place I wash the stove and funnel perfectly clean, then I put some oil in a tin basin, boil a few minutes, and apply with a cloth while hot. The room should be kept free from dust till the oil hardens, which may be half a day on a stove that is kept hot. If put on where the fire comes next to it, it will burn off, but to all other parts it will give a black glossy look, and is much cleaner than blacking, and will last a long time. New kettles should have an application outside and inside, and it is a sure preventive of rust. I have a new tea-kettle that rusted badly till I applied the oil. I prefer to apply the oil while the stove or kettle is hot, as it seems to harden much quicker. No matter how hot, if not a burning heat. —*Maine Farmer.*

The papyrus manuscript recently discovered in the cave of a hermit near Jerusalem, and said to be the work of St. Peter, has been submitted to a committee sent out by the Bible Society of London, and they have come to the conclusion that the papyrus is in reality the work of the great Apostle. They have offered 500,000 francs to the heirs of the hermit for the document, but the offer was refused.

According to Professor Read, of London, the world, by geological evidence, has reached the mature age of 600,000,000 years.

Gratitude is the music of the heart when its chords are swept by kindness.

To Architects, Builders and Others.

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FIRE-PROOF ROOFING

—AND COMPOSITION FOR—

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PATENT MINERAL FIRE-PROOF ROOFING.

There is an old saying that "necessity is the mother of invention," and perhaps nothing is felt, as a want, by our Builders and Architects, more than a good Material to cover flat roofs, and one that dependence can be placed in. It must be one that will be proof against fire and water, and one that will neither crack with the frost of winter nor run with the heat of summer. These faults have been found with other Roofing Materials, and have been the cause of much annoyance as well as serious expense.

A material to meet these shortcomings has been invented and patented by Mr. JOHN BROKENSHIRE, of Kingston, Ont., who has succeeded in introducing it extensively in that locality; and wherever it has been used it has given the greatest satisfaction.

This roofing is pronounced by competent judges to be "far superior to anything yet discovered for SAFETY and DURABILITY, being perfectly safe from sparks or blazing shingles, and quite impervious to winter frost or summer heat."

PATHS, SIDEWALKS and CELLAR FLOORS made of this Composition become hard and durable almost as iron, and proof against atmospheric influences.

The undersigned is now prepared to show samples of the Roofing, and to receive and attend to orders for spring and summer operations.

The Prepared Roofing and Composition may be had in barrels, and sent to any part of the Province, together with full directions for use.

The most Perfect Satisfaction Guaranteed!

Price and full particulars and testimonials on application to

GEO. FRASER,
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Bedford Row, Halifax, July 1st, 1880.

INTERCOLONIAL RAILWAY.

SUMMER ARRANGEMENT.

TRAINS leave Halifax daily (Sunday excepted) as follows:—

(Halifax time.)

At 8.25 a. m.—Express for St. John, Pictou, and intermediate places.
At 12.15 p.m.—Accommodation for Pictou.
At 5.30 p. m.—Accommodation for Truro.
At 6.45 p. m.—Express for St. John and Quebec.

WILL ARRIVE:—

At 9.45. a. m.—Accommodation from Truro.
At 10.45 a. m.,—Express from Quebec and from St. John.
At 2.50 p. m.—Accommodation from Pictou.
At 7.45 p. m.—Express from St. John.
June 8, 1880.

Windsor and Annapolis Railway.

Summer Arrangement,
For Halifax Time add 16 minutes.

Miles.	GOING WEST		Express Daily.	Passengers and Freight, Mon., Wed. and Friday only.	Pass. & Frgt. Daily.
	Halifax	Leave	A. M. 7 45	A.M. 9 00	P. M. 3 00
				P.M.	
46	Windsor.		9 40	12 30	6 10
64	Wolfville.		10 30	1 36	7 13
71	Kentville,	Arrive	10 50	2 00	7 35
	Do.	Leave	11 05	2 30	
83	Berwick.		11 36	3 18	
			P. M.		
102	Middleton.		12 23	4 53	
130	Annapolis.	Arrive	1 40	6 40	
	St. John,	do	7 30		

Miles.	GOING EAST.		Pass. and Freight Daily.	Pass. and Freight Tuesday, Thursday and Saturdays only.	Express Daily.
	St. John,	Leave	A.M.	A. M.	A.M. 8 00
					P. M.
	Annapolis,	Leave		6 30	2 10
28	Middleton.			8 20	3 27
47	Berwick.			9 46	4 16
59	Kentville,	Arrive		10 40	4 47
	do	Leave	6 35	11 15	4 57
66	Wolfville.		7 02	11 45	5 18
				P.M.	
84	Windsor,	Arrive	8 20	1 15	6 13
130	Halifax	Arrive	11 00	4 30	8 10

Steamer "Empress" leaves St. John every Monday, Wednesday and Friday for Digby and Annapolis, and leaves Annapolis on arrival of Express Train from Halifax at 1.40 p. m. every Tuesday, Thursday and Saturday for Digby and St. John.

HALIFAX and CAPE BRETON RAILWAY.

Leaves Antigonish at 9 a.m., and New Glasgow at 1.45 p. m.

Arrives at New Glasgow at 11.30 a. m., and at Antigonish at 4.15 p. m.

Western Counties Railway.

Train leaves Yarmouth daily at 7.45 a. m., and arrives at Digby at 11.15 a. m. on Monday, Wednesday and Friday; and at 11.45 a. m., on Tuesday, Thursday and Saturday.

Leaves Digby on Tuesday, Thursday, and Saturday at 3.30 p. m., and at 12.15 p. m. on Monday, Wednesday and Friday.

Arrives at Yarmouth Tuesday &c., at 7 p. m., and on Monday &c., at 4.15 p. m.

BAPTIST CHURCH REQUISITES.

Articles and Covenant $1.00 per 100.
Church Record and Register $2. and $3. each.
Alphabetical List of Members 40 cents each.
Letters of Dismission 50 cts. per quire.
Psalmists, in all varieties, from 85 cts.
Baptist Hymn Book from 50 cts.
Baptists Hymn and Tune Book $1.00 and $2.25.
Scripture Catechism, $6.00 per 100.
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April 15.

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For it is sadly too true that thousands of children are STARVED TO DEATH every year by improper or insufficient food. Remember,

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Oct. 1.

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