The Messenger Almanac.

OCTOBER, 1881.

Full Moon, October 7th, 9h. 45m. M.
Last Quarter, " 14th, 10h. 12m. A.
New Moon, " 22nd, 10h. 17m. A.
First Quarter, " 30th, 0h. 33m. M.

Day of the Month	Day of the Week	SUN. Rise.	SUN. Sets.	MOON. Rises.	MOON. South.	MOON. Sets.	High Tide at Halifax	
1	Sa..	6 2	5 38	2 7	6 51	11 35	0 1	
2	SU.	6 3	5 36	2 45	7 47	M	1 2	
3	M..	6 4	5 34	3 20	8 42	0 49	2 23	
4	Tu.	6 5	5 32	3 51	9 35	2 4	3 56	
5	W..	6 7	5 30	4 21	10 27	3 19	5 12	
6	Th.	6 8	5 28	4 50	11 19	4 33	6 10	
7	Fr.	6 9	5 27	5 21	M.	5 48	6 58	
8	Sa..	6 10	5 25	5 55	0 11	7 1	6 41	
9	Su.	6 12	5 23	6 36	1 4	8 13	8 23	
10	M..	6 13	5 21	7 19	1 58	9 29	9 4	
11	Tu.	6 14	5 19	8 9	2 51	10 23	9 43	
12	W..	6 15	5 18	9 4	3 44	11 19	10 22	
13	Th.	6 17	5 16	10 1	4 35	A. 6	11 0	
14	Fr.	6 18	5 14	10 59	5 25	0 49	11 43	
15	Sa.	6 19	5 12	11 59	6 11	1 23	A. 32	
16	Su.	6 20	5 11	M	6 56	1 53	1 35	
17	M..	6 22	5 9	0 59	7 39	2 19	2 54	
18	Tu.	6 23	5 7	1 59	8 22	2 45	4 15	
19	W.	6 24	5 6	3 0	9 4	3 8	5 17	
20	Th.	6 26	5 4	4 0	9 46	3 32	6 5	
21	Fr.	6 27	5 2	5 3	10 31	3 57	6 43	
22	Sa.	6 29	5 1	6 10	11 18	4 26	7 19	
23	Su.	6 30	4 59	7 16	A. 7	4 58	7 52	
24	M..	6 31	4 58	8 21	0 59	5 37	8 25	
25	Tu.	6 33	4 56	9 25	1 54	6 23	9 0	
26	W.	6 34	4 54	10 27	2 52	7 17	9 38	
27	Th.	6 35	4 53	11 20	3 50	8 20	10 18	
28	Fr..	6 37	4 51	A. 7	4 47	9 27	11 1	
29	Sa..	6 38	4 50	0 46	5 42	10 38	11 54	
30	SU.	6 39	4 49	1 20	6 36	11 52	M	
31	M..	6 41	4 47	1 50	7 27	M.	0 55	

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parreboro, 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.

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SCIENCE.

When fattening an animal for beef let the process be as quick as possible. Any stint in feeding will make the meat tough and dry. Stall-fed animals will fatten more readily than others, and young animals require richer food than older ones. In winter, fattening depends much upon the weather of the stable. The warmer the cattle are kept of course the less food they require.

GETTING RID OF STUMPS.—This recommendation comes from the *Scientific American*:

In the autumn or early winter bore a hole one or two inches in diameter, according to the girth of the stump, and about eighteen inches deep. Put into it one or two ounces of saltpetre, fill the hole with water, and plug it close. In the ensuing spring take out the plug and ignite it. The stumps will smoulder away, without blazing, to the very extremity of the roots, leaving nothing but the ashes.

CARE OF SHEEP.—American woolgrowers or shepherds have yet much to learn in regard to the management of their flocks. For example, the sheep of Silesia are never exposed to much rain. Shelter and shade are provided for them. Nor are they exposed to dust, for that is known to be injurious to the fleece. The greatest care is taken in the breeding. Men of experience are employed to go from farm to farm to examine the sheep and select the best rams that can be found. The rams are closely examined as to their fleece-bearing properties, and all but the very best are sold off. The whole economy of the sheep farm is as perfect as intelligence and industry can make it. For its value there is no farm product that can be carried one or two thousand miles so cheaply and so safely as wool. A ton of wool is worth $750 at 35 cents a pound, or $500 at 25 cents. A ton of wheat is worth about $32, and of corn, about $16. The freight is about the same for each, and is thus twenty-five times more for wheat and nearly fifty times more for corn than wool. This is worth considering, and shows how much better it is to turn corn into wool than to sell it.—[Rural World.

The fertilizing matter which may be saved from the farmer's house would more than furnish the house with vegetables.

VARIETIES.

At Chautauqua the other day, a little girl was asked if she were a Methodist. "Oh! no! she replied. "I am a Brethren, and my mother is a Brethren too." These were of the United Brethren. At Montreal one of the Plymouth Brethren was asked why they never spoke of the Plymouth Sisters. "Oh!" was his answer, "the Brethren embrace the Sisters."

Dissolute people let their soup grow cold between the plate and the mouth. —*Cervantes*,

"One soweth and another reapeth," is a verity that applies to evil as well as good.—*George Eliot.*

Returning recently from a funeral conducted with Church of England rites, a friend referred to the practice of sprinkling gravel three times on the coffin, with the words, "Earth to earth, ashes to ashes, dust to dust." He directed attention to one of the odes of Horace, where the shades of Archytas converses with a sailor and tells of the terrible disabilities he suffers in the unseen world because no one has sprinkled his corpse three times with dust—"*injecto ter pulvere.*" The practice is evidently of Pagan origin. It is remarkable how many of the religious customs of our nation owe their origin to Rome. To Rome papal as the successor of Rome pagan.

Dean Stanley had an amusing way of depreciating himself. One day he said:—"I have always thought a dean should have three qualificatoins, none of which I possess. First, I think a dean should know something about music; I am absolutely ignorant of the subject. Secondly, I think a dean should know something about architecture; I know nothing about it. Thirdly, I thimk a dean should know something about the management of business; I am always thankful when our audit is over, and we have not come to some grievous mishap."

An Irish gentlemen writes us this morning to say that "not half the lies told about the Irish are true."

THE HOUSE.

TO GET RID OF COCKROACHES.—A writer says:—"A few years ago my house was infested with cockroaches (or "clocks as they are called here) and I was recommended to try cucumber peeling as a remedy. I accordingly, immediately before bedtime, strewed the floor of those parts of the house most infested with the vermin with green peel, cut not very thin from the cucumber, and sat up half an hour later to watch the effect. Before the expiration of that time the floors where the peel lay was completely covered with cockroaches, so much so that the vegetable could not be seen, so voraciously were they engaged in sucking the poisonous mixture from it. I adopted the same plan the following night, but my visitors were not near so numerous—I should think not much more than a fourth of the previous night. On the third night I did not discover one, but anxious to ascertain whether the house was quite clear of them I examined the peel after I had laid it down about half an hour, and perceived that it was covered with myriads of minute cockroaches about the size of a flea. I therefore allowed the peel to lie till morning, and from that moment I have not seen a cockroach in the house. It is a very old building, and I can assure you the above remedy only requires to be persevered in for three or four nights to completely eradicate the pest. Of course, it should be a fresh cucumber."

GREEN CORN PUDDING.—Grate a dozen ears of corn; season with a teaspoonful of salt and half a saltspoonful of white pepper; add the yolks of four eggs, beating them well in; two tablespoonfuls of butter warmed; a quantity of milk, and last, the whites of four eggs, well beaten. Bake in a moderate oven for an hour, covering with a piece of letter-paper if it browns too quickly.

SPONGE GINGERBREAD.—For whose excellence a truthful neighbor vouches, is made thus: Take one cup of sugar, one cup of sour milk, one small teaspoonful of soda, one cup of molasses, four eggs, the whites and yolks beaten separately, one cup of butter, one teaspoonful of ginger, one cup of raisins, four cups of flour. In place of sour milk and soda, you may use sweet milk and baking powder.

An *Evening Post* "Houshold Hint" says:—One of the best ways to cook rice is to steam it; best because it is no trouble; all that is needed is to be sure to put in plenty of water. If you wish for rice pudding, and have not planned for it hours before, by cooking the rice in this way, you can have it in a surprisingly short time. One cup of rice will make croquettes and pudding enough for a family of four.

THE ART OF SEWING.—Every young girl should be taught to do the following kind of stitch:—Overstitch, hemming, running, felling, stitching, back-stitch, and run, buttonhole-stitch, chain-stitch, whipping, darning, gathering, and cross-stitch.

It is very important to neatness, comfort, and success in sewing, that a lady's work-basket should be properly fitted up. The following articles are needful: a large basket to hold work, having in it, fastened, a smaller basket or box containing a needle-book, in which are needles of every size, both blunts and sharps, with a larger number of those sizes used; also, small and large darning-needles, for woollen, cotton, and silk; two tape-needles, large and small; nice scissors, for fine work; button-hole scissors; an emery bag; two balls of white and yellow wax; and two thimbles, in case one should be mislaid. When a person is troubled with damp fingers, a lump of soft chalk, in a paper is useful to rub on the ends of the fingers.

Besides this box, keep in the basket common scissors; small shears; a bag containing tapes, of all colors and sizes done up in rolls; bags, one containing spools of white, and another for silks, and another of colored cotton thread, wound on spools or papers; a box or bag for nice buttons, and another for common ones; a bag containing silk braid, welting cords, and galloon binding. Small rolls of pieces of white and brown linen and cotton also often needed. A brick pin-cushion is a great convenience in sewing, and better than screw-cushions. It is made by covering half a brick with cloth, put a cushion on top, and covering it tastefully. It is very useful to hold pins and needles while sewing, and to fasten long seams when basting and sewing.

INTERCOLONIAL RAILWAY.

SUMMER ARRANGEMENT.

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

(Halifax time.)

At 8.25 a. m.—Express for St. John, Pictou, Quebec.
At 12.15 p.m.—Accommodation for Pictou.
At 5.00 p. m.—Accommodation for Truro.
At 6.15 p. m.—Express for St. John and Quebec.

WILL ARRIVE:—

At 9.15. a. m.—Accommodation from Truro.
At 10.15 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.

Nov. 24, 1880.

Windsor and Annapolis Railway.

Summer Arrangement—Commencing Monday, April 4th, 1881.

The following is according to Railway Time. Halifax times is 15 minutes later.

Miles.	GOING WEST	Express Daily.	Passengers & Freight Mon. Wed. & Friday	Pass. & Frgt. Daily.
		A. M.	A. M.	P. M.
	Halifax.....Leave	7 45	8 52	3 00
			P.M.	
46	Windsor.	9 40	12 30	6 15
64	Wolfville.	10 30	1 36	7 17
71	Kentville,	11 05	2 30	7 40
83	Berwick.	11 36	3 18	
		P. M		
102	Middleton.	12 23	4 55	
130	Annapolis. Arrive	1 40	6 40	
	St. John, do	7 30		

Miles.	GOING EAST.	Pass. and Freight Daily.	Pass. and Freight Tuesdays Thursdays and Saturday only.	Express Daily.
		A.M.	A. M.	A. M.
	St. John, Leave			8 00
				P. M.
	Annapolis, Leave		6 30	2 15
28	Middleton.		8 20	3 31
47	Berwick.		9 46	4 20
59	Kentville,	6 30	11 15	5 00
66	Wolfville.	6 57	11 45	5 24
			P.M.	
84	Windsor,	8 15	1 15	6 12
130	Halifax Arrive	11 00	4 30	8 10

Steamer "Empress" leaves St. John at 8 a. m. every Monday, Wednesday and Friday for Digby and Annapolis, and leaves Annapolis, on arrival of Express Train from Halifax, 1.40 p. m, every Tuesday, Thursday and Saturday, for Digby and St. John.

HALIFAX and CAPE BRETON RAILWAY.

EXPRESS leaves New Glasgow at 1.00 P. M., after arrival of I. C. R. Train leaving Halifax at 8.10 A. M., arriving at the Strait of Canso at 5.00 P. M.

EXPRESS leaves the Strait of Canso at 9.50 A. M., arriving at New Glasgow at 2 P. M., connecting with I. C. R., leaving Pictou at 2 P. M., for Halifax.

Western Counties Railway.

Train leaves Yarmouth daily at 7.45 a. m., and arrives at Digby at 11.45 a. m.

Leaves Digby on Monday, Wednesday, and Friday at 1.00 p. m. Arrives at Yarmouth at 5.00 p. m. On Tuesday, Thursday and Saturday at 3 30 p.m. Arrives at Yarmouth at 7.30 p. m.

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