

The Messenger Almanac.

APRIL, 1881.

First Quarter, April 6th, 11h. 40m. M.
Full Moon, " 14th, 7h. 36m. M.
Last Quarter, " 21st, 5h. 24m. M.
New Moon, " 28th, 6h. 10m. M.

Day	SUN.	MOON.	High Tide
W.	Rise.	Sets.	at Halifax
1 Fr.	5 44	6 23	2 14
2 Sa.	5 43	6 25	7 25
3 Su.	5 41	6 26	10 2
4 M.	5 39	6 27	10 37
5 Tu.	5 37	6 28	11 13
6 W.	5 35	6 29	11 55
7 Th.	5 34	6 31	0 44
8 Fr.	5 32	6 32	1 43
9 Sa.	5 30	6 33	2 44
10 Su.	5 28	6 34	3 47
11 M.	5 26	6 35	4 51
12 Tu.	5 25	6 37	5 57
13 W.	5 23	6 38	6 57
14 Th.	5 21	6 39	7 53
15 Fr.	5 19	6 40	8 47
16 Sa.	5 18	6 42	9 38
17 Su.	5 16	6 43	10 20
18 M.	5 14	6 44	11 01
19 Tu.	5 13	6 45	11 43
20 W.	5 11	6 47	12 28
21 Th.	5 9	6 48	1 26
22 Fr.	5 8	6 49	2 25
23 Sa.	5 6	6 50	3 25
24 Su.	5 5	6 51	4 24
25 M.	5 3	6 53	5 20
26 Tu.	5 2	6 54	6 17
27 W.	5 0	6 55	7 11
28 Th.	4 59	6 56	8 04
29 Fr.	4 57	6 57	8 54
30 Sa.	4 56	6 59	9 24

THE TIDES.—The column of the Moon's Position 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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Oct. 22.

THE HOUSE.

THE BEST WOOD TO USE.—The fuel question is one of a good deal of moment not only to city and village folks, but also to the farmer. Some people will give a dollar or more a cord for this wood in preference to any other variety offered in the market, but it is far from being the most economical. The reason the maple is so universally used is that it burns so readily. A cord of good seasoned white oak will make more heat than a cord and a third of maple. In any event, it is a great convenience to know the comparative value of the different kinds of wood for fuel. Taking shell-bark hickory as the highest standard of forest trees, and calling that one hundred, other trees will compare with it for real value as follows:

Shellbark hickory	100	Hard maple	59
Pignut hickory	95	White elm	58
White oak	84	Red cedar	56
White ash	77	Wild cherry	54
Dogwood	75	Yellow pine	54
Scrub oak	73	Butternut	51
Red oak	69	White birch	43
Birch	62	White pine	40
Yellow oak	60		

HOME MADE CONFECTIONERY.—Pop-corn balls are easily made by boiling some molasses until it will harden in cold water, then pour it over the pop-corn, take it into a cool room, butter your hands and roll the corn into the proper shape.

To make chocolate caramels: one cup of sweet milk, one cup of molasses, half a cup of sugar, half a cup of grated chocolate, a piece of butter the size of a walnut; stir constantly and let it boil until it is thick, then turn it out on to buttered plates; when it begins to stiffen mark it in squares, so that it will break readily when cold.

Cocoanut caramels are made of two cups of grated cocoanut, one cup of sugar, two tablespoonsful of flour, the whites of three eggs beaten stiff; bake on a buttered paper in a quick oven.

White candy, take one quart of granulated sugar, one pint of water, two tablespoonsful of vinegar, boil just as you do molasses candy, but do not stir it: you can tell when it is done by trying it in cold water. Pull it as if it were molasses candy; and work in enough to flavour it as you pull: put it in a cold room, and the next day you will have delicious candy.

USEFUL THINGS TO KNOW.—House-keepers are often greatly troubled and perplexed by mildew from damp closets and from rust. By putting an earthen bowl or deep plate full of quicklime into the closet the lime will absorb the dampness, and also sweeten and disinfect the place. Rats, mice and many bugs that are apt to congregate in damp places have a dislike to lime. As often as the lime becomes slackened throw it on the compost heap if in the country, or into the ash barrel if in the city.

If your coal fire is low, throw on a tablespoonful of salt, and it will help it very much.

A little ginger put into sausage meat improves the flavour.

Broil steak without salting; salt draws the juices in cooking.

Beef having a tendency to be tough can be made very palatable by stewing gently for two hours, pepper and salt, taking out about a pint of the liquid when half done, and letting the rest boil into the meat.

A small piece of charcoal in the pot with boiling cabbage removes the smell.

Clean oilcloths with milk and water; a brush and soap will ruin them.

Tumblers that have had milk in them should never be put in hot water.

The skin of a boiled egg is the most efficacious remedy that can be applied to a boil; peel it carefully, wet, and apply it to the part affected, and it will draw off the matter and relieve the soreness in a few hours.

GUM ARABIC WATER.—Put one ounce of gum into a jar, with two ounces of sugar candy and one pint of water. Set in a saucepan of water, and stir until dissolved. This is excellent for consumptive patients as a night drink, for hectic cough, etc.

Nausea can frequently be prevented, so it is said, by holding the hands in water as hot as can be borne, letting it extend over the wrists.

A piece of beef is much more tender and juicy when the animal has been fed on roots than beef made where no roots have been fed.

SCIENCE.

The Prall Company proposes to warm towns by means of superheated water. In New York recently this company gave a dinner to the Society of Civil Engineers for which all the viands were cooked by means of superheated water. The company proposes to supply houses with water heated to a temperature of 376 deg. Fahr. It is asserted that water of this temperature can be conveyed a mile in boxed-pipes without losing more than two degrees of temperature; and as no cooking range will be at a greater distance than one mile from the generator, it is claimed that sufficient heat for all the purposes of the cook, and for warming houses, can be furnished without the necessity of fires. The water is sent through the system at such a rate that the complete circuit is made in fifteen minutes.

That gorgeous ornament of old-fashioned gardens, the sunflower, seems to be coming into favor again. The seed is highly recommended as food for poultry, both for giving a brilliant and glossy appearance to the plumage and for stimulating the production of eggs. A new Russian variety has lately been introduced into the country which exceeds in size any before known here. Specimens have been exhibited in Philadelphia measuring from eight to twenty inches in diameter. Moreover, although the sunflower doesn't fit on very nicely as a bouquet flower, it is far from unornamental along the garden fence or as a "broad bit of color" in a vacant corner.

Socrates said that there are two sciences which every man ought to learn—first the science of speech, and second, the more difficult one of silence.

A singular surgical operation has been performed successfully by M. Koberle. It is the amputation of no less than two metres of the smaller intestine. The subject was a young woman of twenty-two.

Last year two French students were much burned about the face by the explosion of a retort filled with boiling sulphuric acid. They were at once taken to a druggist, M. Alanoire, who covered their faces 2 mm. thick with a soft paste made of calcined magnesia and water. In a few seconds fissures appeared in the magnesia mask, and a new layer was then substituted. The patients were thus tended for five hours, after which the one hurt the least was able to wash his face, which merely showed some reddish spots. The other had his magnesia mask renewed during twenty-four hours. Suffering acutely at first, the students ceased to suffer in less than a quarter of an hour. Their faces have now no traces of burns.

HEALTH HINTS.

HOW I TREATED MY BABY.—A mother writes to a Health Journal as to how she treated her baby, or rather how she didn't treat him. In the first place before he was three years old, he didn't have several teaspoonfuls of sugar and water, nor anything else, forced into his tender stomach; and he never has tasted catnip tea or any other kind of tea. He nursed when one day old, and all his nourishment, so far, has been his mother's milk. That mother never drinks tea nor coffee, and does not eat salt, fat pork nor grease of any kind. Baby has been accustomed from the first to drink cool fresh water. I think this to be a good preventative against "baby's sore mouth." Much harm is done by forcing some stuff or other into the baby's stomach almost directly it comes into this over-eating world. Upon this medical opinion is unanimous. Did babies require anything for the first twenty-four hours or so, the Creator would most likely have provided it to hand, as he has done for the after period. The chick and other animals eat nothing the first day or two.

FOR DYSPEPSIA IN ANY FORM.—One half pound carbonate soda, one ounce bismuth, one ounce pepsin, one half ounce Jamaica ginger. Add one quart of water, cork tight. Shake well before using. Dose, one tablespoonful after eating. Be careful about diet, eating no grease or rich sauce till the stomach regains its strength. A lady who had suffered many years, was given up to die, by what three physicians pronounced cancer in the stomach, and this prescription cured her.

INTERCOLONIAL RAILWAY.

WINTER ARRANGEMENT.

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

At 8.30 a. m.—Express for St. John, Pictou, Quebec.
At 1.15 p. m.—Accommodation for Pictou.
At 5.30 p. m.—Accommodation for Truro.
At 3.00 p. m.—Express for St. John and Quebec.

WILL ARRIVE:—
At 9.15 a. m.—Accommodation from Truro.
At 12.55 a. m.—Express from Quebec and from St. John.
At 3.00 p. m.—Accommodation from Pictou.
At 8.30 p. m.—Express from St. John.
Nov. 24, 1880.

Windsor and Annapolis Railway.

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

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

Miles	Express Mon., Wed., and Saturday only.	Passenger and Freight Daily.	Pass. & Frgt. Daily.
Halifax	Leave 7 45	7 45	8 00
46 Windsor	9 40	10 55	6 15
64 Wolfville	10 30	12 02	7 17
71 Kentville	11 05	12 50	7 40
83 Berwick	11 30	1 43	
102 Middleton	12 23	2 58	
130 Annapolis	1 40	5 00	
St. John	do	7 30	

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83 Berwick	11 30	1 43
102 Middleton	12 23	2 58
130 Annapolis	1 40	5 00
St. John	do	7 30

Steamer "Empress" leaves St. John at 8 a. m. every Monday, Wednesday and Saturday for Digby and Annapolis, and returns the same day, on arrival of 7.45 a. m. Express Train from Halifax.

HALIFAX AND CAPE BRETON RAILWAY.

Leaves Antigonish at 9 a. m., and New Glasgow at 2.30 p. m.
Arrives at New Glasgow at 11.00 a. m., and at Antigonish at 4.30 p. m.

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 Saturday at 4.00 p. m., and at 12.30 p. m. on Tuesday, Thursday and Friday.
Arrives at Yarmouth Tuesday &c., at 4.30 p. m., and on Monday &c., at 8 p. m.

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April 17

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Papers—"British Workman," 28c., 34c., 38c.; "British Messenger," 28c., 34c., 38c.; "British Workwoman," 28c., 34c., 38c.; "Child's Companion," 28c., 34c., 38c.; "Children's Friend," 28c., 34c., 38c.; "Cottage and Artisan," 28c., 34c., 38c.; "Family Friend," 28c., 34c., 38c.; "Friendly Visitor," 28c., 34c., 38c.; "Infant's Magazine," 28c., 34c., 38c.; "Band of Hope Review," 14c., 20c., 24c.; "Children's Paper," 14c., 20c., 24c.; "Gospel Trumpet," 13c.; "Good News," 10c.; "Good Cheer," 10c.; "Old and Young," 5c.

Those marked thus * are beautifully illustrated. These figures denote the 1st, 2nd and 3rd rates. 1st—when five papers or more of one or different kinds are ordered to one address; 2nd—price per copy when two or four papers are ordered to one address—of one or different kinds on the list; 3rd—price for single copy to one address.

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March 8. 1yr

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Psalmists, in all varieties, from 85 cts.

Baptist Hymn Book from 50 cts.

Baptists Hymn and Tune Book \$1.00 and \$2.25.

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April 15.



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Nov. 5.

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