

The Messenger Almanac.

OCTOBER.
New Moon, Oct. 4th, 0h. 29m. M.
First Quarter, " 10th, 5h. 21m. A.
Full Moon, " 18th, 0h. 12m. M.
Last Quarter, " 26th, 2h. 46m. M.

Day	SUN.	MOON.	High Tide
W.	Rise.	Sets.	Rises. South. Sets. at Halifax
1 Fr.	6 25 38	3 23 9 42	4 1 5 54
2 Sa.	6 45 36	4 30 10 27	4 24 6 38
3 Su.	6 45 34	5 38 11 14	4 50 7 15
4 M.	6 55 32	6 50 A.	4 5 18 7 49
5 Tu.	6 75 30	8 4 0 56	5 48 8 23
6 W.	6 85 28	9 18 1 52	6 26 8 59
7 Th.	6 95 27	10 30 2 50	7 10 9 37
8 Fr.	6 105 25	11 36 3 51	8 6 10 18
9 Sa.	6 125 23	A. 33 4 52 9 11	11 2 11 2
10 Su.	6 135 21	1 20 5 51 10 22	11 55 11 55
11 M.	6 145 19	1 59 6 47 11 35	M 0 58
12 Tu.	6 155 18	2 31 7 39 M.	2 20 2 20
13 W.	6 175 16	3 0 8 29 0 47	3 50 3 50
14 Th.	6 185 14	3 24 9 16 1 58	5 6 5 6
15 Fr.	6 195 12	3 48 10 3 8	6 2 6 2
16 Sa.	6 205 11	4 13 10 49 1 58	6 47 6 47
17 Su.	6 225 9	4 40 11 36 5 25	7 29 7 29
18 M.	6 235 7	5 11 M.	6 32 6 32
19 Tu.	6 245 6	5 44 6 24 7 37	8 5 8 5
20 W.	6 265 4	6 24 1 13 8 42	8 39 8 39
21 Th.	6 275 3	7 9 2 3 9 42	9 14 9 14
22 Fr.	6 295 1	8 2 2 52 10 35	9 48 9 48
23 Sa.	6 304 59	8 59 3 43 11 24	10 21 10 21
24 Su.	6 314 58	9 56 4 33 A.	7 10 56
25 M.	6 334 56	10 58 5 18 0 40	11 36 11 36
26 Tu.	6 344 54	M. 6 4 1 10 A.	12 36 12 36
27 W.	6 354 53	0 1 6 49 1 37	1 26 1 26
28 Th.	6 374 51	1 3 7 32 2 1	2 43 2 43
29 Fr.	6 384 50	2 9 8 17 2 25	4 1 4 1
30 Sa.	6 394 49	3 18 9 4 2 50	5 4 5 4
31 Su.	6 414 47	4 27 9 51 3 15	5 55 5 55

THE TIDES.—The course of the Moon's Southern gives the time of high water at Pictou, 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. At Westport, 2 hours 54 minutes later. At 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.

WHOLESALE.

SMITH BROS.

JUST OPENED
60 Cases

LADIES' AMERICAN HATS.

Straw, Leghorn & Tuscan.
A CHOICE ASSORTMENT OF STYLES

TO ARRIVE
By next Steamer from England,

A Lot of Goods!

80 ORDERED TO A SORT STOCK.
May 12.



This standard article is compounded with the greatest care.

Its effects are as wonderful and as satisfactory as ever.

It restores gray or faded hair to its youthful color.

It removes all eruptions, itching and dandruff. It gives the head a cooling, soothing sensation of great comfort, and the scalp by its use becomes white and clean.

By its tonic properties it restores the capillary glands to their normal vigor, preventing baldness, and making the hair grow thick and strong.

As a dressing, nothing has been found so effectual or desirable.

A. A. Hayes, M.D., State Assayer of Massachusetts, says, "The constituents are pure, and carefully selected for excellent quality; and I consider it the BEST PREPARATION for its intended purposes."

Price, One Dollar.

Buckingham's Dye

FOR THE WHISKERS.

This elegant preparation may be relied on to change the color of the beard from gray or any other undesirable shade, to brown or black, at discretion. It is easily applied, being in one preparation, and quickly and effectually produces a permanent color, which will neither rub nor wash off.

Manufactured by R. P. HALL & CO., NABHUA, N.H.

Sold by all Druggists, and Dealers in Medicines.
BROWN & WEBB, Halifax,
Dec. 11. Wholesale Agents,

HEALTH HINTS.

MEDICAL USES OF EGGS.—For burns or scalds, nothing is more soothing than the white of an egg, which may be poured over the wound. It is softer as a varnish for a burn, than collodion, and being always at hand, can be applied immediately. It is also more cooling than the "sweet oil and cotton," which was formerly supposed to be the surest application to allay the smarting pain. It is the contact with the air which gives the extreme discomfort experienced from ordinary accidents of this kind; and anything which excludes air and prevents inflammation, is the thing to be at once applied.

The egg is also considered one of the best remedies for dysentery. Beaten up slightly with or without sugar, and swallowed at a gulp, it tends, by its emollient quality to lessen the inflammation of the stomach and intestines, and, by forming a transient coating on those organs, to enable nature to resume her healthful sway over the diseased body. Two, or at most three eggs, per day, would be all that is required in ordinary cases; and since the egg is not merely medicine, but food as well, the lighter the diet otherwise, and the quieter the patient is kept, the more certain and rapid is the recovery.—*Am. Rural Home.*

SODA FOR BURNS.—All kinds of burns, including scald and sunburns, are almost immediately relieved by the application of a solution of soda to the burnt surface. It must be remembered that dry soda will not do unless it is surrounded with a cloth moist enough to dissolve it. This method of sprinkling it on, and covering it with a wet cloth, is often the very best. But it is sufficient to wash the wound repeatedly with a strong solution.

THE MARRIED V. THE UNMARRIED STATE.—Dr. Stark, Registrar-General of Scotland, says that "bachelorhood is more destructive to life than the most unwholesome trades or than residence in an unwholesome house or district where there has never been the most distant attempt at sanitary improvement of any kind."

SCIENCE.

A TABLE LAND ACROSS THE GULF STREAM.—In a recent dredging expedition from Charleston, S. C. across the Gulf Stream, Commander Bartlett, of the United States Coast Survey steamer Blake, was surprised to find the depths much less than he expected. This induced him, although the trip was one primarily for dredging, to extend the work of sounding; and he accordingly ran a line of soundings nearly along the warmest band of the Stream, commonly called the axis of the stream, for a distance of 150 miles from latitude 32° to latitude 33° 30' north, on which he obtained depths varying from 233 to 450 fathoms, where it was supposed that the depths would range from 600 to 1,000 fathoms. At the northeast end of this line, in about latitude 33° 30' north, the depth suddenly increased, in a distance of 15 miles, from 457 to 1,386 fathoms. These depths obtained by Commander Bartlett appear to indicate that a submarine table land may extend from the coasts of North and South Carolina across to the Northern Bahamas. The development of this table land Superintendent Patterson proposes to have completed next spring, when the weather will be better adapted to such work than in the autumn and winter months.—*Scientific American.*

The Balloon Society of Great Britain has been formed, its principal object being to bring together members of the learned professions, scientific bodies, and practical aeronauts with a view to having observations made in different parts of the world wherever ascents take place, whether by means of captive or free balloons.

Never try to get too heavy a day's work out of a team. Moderate and steady going is what counts in the long run. It takes but a few hours, and often but a few minutes, to tax a horse so that he is rendered useless for months.

RED-HOT METAL FROM THE SKIES.—The *Cleveland Leader* gives this account of a remarkable event.

About midnight on Saturday, the 14th inst., Caledonia, Marion County, Ohio, was visited by a terrific thunder storm, accompanied by hail and the most vivid lightning, flash following flash in quick succession. There had been a political meeting there that evening, and the

people from the neighboring villages and surrounding country were detained by the storm. Suddenly the sky appeared as bright as noonday, in fact, fine print could easily have been read, so great was the light, but strange to say the light was steady, not flash after flash, as it would have been had the light been caused by lightning. A deafening roar was heard, continuing to become louder as the light became brighter. Gradually the roaring changed to a hissing, sparkling sound. It is needless to say the people were frightened, and upon running into the street a ball of seeming fire came moving through the air from the northeast. The ball seemed to be at least twenty-five feet in diameter. As it neared the earth the heat could be plainly felt. The body struck the earth just north of the village, and buried nearly one-half of itself in the ground. Good judges estimate the weight at three to five tons, but the heat is so great that it is uncomfortable to go nearer than thirty or forty feet. It looks like a mass of pig iron. It was visited by hundreds yesterday. The gentleman who owns the land on which it fell has been offered \$300 for it.

THE HOUSE.

CORN-PUDDING.—A correspondent of the *Farm Journal* furnishes this recipe for a good dish for supper: To twelve ears of grated corn add a tablespoonful of melted butter, a cup of cream, a teaspoonful of salt, a little pepper, and if you prefer it a tablespoonful of sugar. Stir well and bake in a tin pan; first brown the top and then, covering it with greased paper, bake for an hour. It is a good way to treat corn that is a little old.

TOMATO SOUP.—Take a shin-bone, have it broken, and put in a soup kettle with five quarts of cold water; allow it to boil steadily, and skim; in an hour put in two dozen good-sized tomatoes; do not skin them; boil until your soup is reduced to one-half; take a potato-masher and crush the tomatoes; pass through a strainer; return to kettle and remove beef before serving; season with salt and pepper. This is a plain country tomato soup.

A NICE DISH OF TOMATOES AND MEAT.—Take any cold meat you may have and mince it with an onion, some finely-chopped herbs and bread-crumbs, a little lemon-peel and nutmeg; mix with two well beaten eggs; form into egg-shaped balls. Butter a pie-dish, sprinkle in bread-crumbs thickly, put on the bread-crumbs half a tomato, and one of the meat-balls alternately; then a layer of bread-crumbs and some pieces of butter, another layer of meat and tomatoes, then more bread-crumbs and pieces of butter; bake half an hour.

FRIED ONIONS.—To fry onions properly they should be cut crosswise, so as to form undivided rings; flour them well and fry them in plenty of beef dripping for five or six minutes; drain, sprinkle with salt, and serve. Fried onions form the proper accompaniment to broiled steak and fresh herrings. The Turks make a delicious dish by having a number of poached eggs on a thick bed of fried onions.

CUCUMBER CATSUP.—The following receipt for cucumber catsup I make myself, and all my friends who have eaten of it pronounce it good:—Three dozen full-grown cucumbers, eight white onions, peel both and cut as fine as possible, on this sprinkle three-fourths of a pint of fine salt, then put up the whole in a sieve and drain for eight hours; then take a teaspoonful of mustard seed, half a cup of ground black pepper, mix them well with the cucumber and onion; then put the whole in a stone jar and cover with strong vinegar, closing it tightly. It is fit for use in three days, and will keep a long time. When cucumbers were scarce I have taken half-green tomatoes and half cucumbers and it made an excellent catsup.

ROSE-WATER.—Procure a glass bottle with a wide mouth and ground-glass stopper; fill two-thirds full with deodorized alcohol, and keep adding rose leaves until you cannot force more into the bottle. Let the whole stand for several months, keeping it air-tight, and strain when the virtue has left the leaves. White roses are the best.

Mix a half pint of vinegar and a half pint of milk. When they have formed a curd, take the whites of five eggs, and boil the whole together; sift into them sufficient quicklime to make the whole into a paste. It is a good cement to hold broken glass and crockery.

To Architects, Builders and Others.

BROKENSHIRE'S PATENT MINERAL FIRE-PROOF ROOFING

—AND COMPOSITION FOR—
Paths, Sidewalks and Cellar Floors!

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.

Agent for the Maritime Provinces and Newfoundland.

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	Pass.	Freight	Pass. & Freight
	Halifax.....	Leave	7 45	9 00	3 00
46	Windsor.	9 40	12 30	6 10	
64	Wolfville.	10 30	1 36	7 13	
71	Kentville.	10 50	2 00	7 35	
	Do.	Leave	11 05	2 30	
83	Berwick.	11 36	3 19		
102	Middleton.	12 23	4 53		
130	Annapolis.	1 40	6 40		
	St. John.	do	7 30		

GOING EAST.

Miles.	GOING EAST	Express	Pass.	Freight	Pass. & Freight
	St. John.	Leave	8 00	8 00	
	Annapolis.	Leave	6 30	2 10	
28	Middleton.	8 20	3 27		
47	Berwick.	9 46	4 16		
59	Kentville.	10 40	4 47		
	do.	Leave	6 35	11 45	4 57
66	Wolfville.	7 02	11 45	5 18	
84	Windsor.	8 20	1 15	6 13	
130	Halifax.	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 1.45 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 35 cts.
Baptist Hymn Book from 50 cts.
Baptists Hymn and Tune Book \$1.00 and \$2.25.
Scripture Catechism, \$6.00 per 100.
CHRISTIAN MESSENGER OFFICE.
No. 69 & 71 Granville St., Halifax.
April 15.

SAVE THE NATION!

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

RIDGE'S FOOD

FOR INFANTS AND INVALIDS.

Is all and a great deal more than we have claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated FOOD, grateful to the most delicate and irritable stomach, and especially adapted for the INFANT and GROWING CHILD.

Invalids, Nursing Mothers, and those suffering from Indigestion will find on trial that RIDGE'S FOOD FOR INFANTS AND INVALIDS, is all they can desire. It is carefully put up in four sizes.

Constant users will find our No. 4 size (always the most economical size to buy) now much larger than formerly, thus materially lessening the expense.

WOOLRICH, Dispensing and Family Chemist, Upper Water St., Depot for Ridge's Food, Pick-me-up Bitters, &c., with a well-assorted stock of Pure Drugs.
April 17

Nova Scotia Book Bindery,

G. & T. PHILLIPS,
Corner Granville & Sackville Streets.

BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Perfumers, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market, Jan. 31.

KIDDER'S PASTILLES.

A Sure relief for Asthma, Price 35 cts. by mail, STOWELL & CO., Charlottetown, Mass.

MUSICAL.

GATES BROS.,

Manufacturers of
ORGANS AND PIANOS,

Organs from \$75 and upwards. Warranted for 7 years.

Pianos \$200 and upwards.
The usual discount to Clergymen, Churches, Teachers and Societies.

Factory—MELVERN SQUARE, Annapolis Co.

Sales Room 120 GRANVILLE STREET, Near Province Building, Halifax.

ENCOURAGE HOME MANUFACTURES. Save Duty and High Commissions. Keep the money in the country.

C. E. GATES, Musical Department, W. J. Gates, Manager.

Oct. 1.

THE CHRISTIAN MESSENGER

Is published every WEDNESDAY. Terms—Two DOLLARS a year, when paid in advance; if payment is delayed over three months \$2.25, when over six months \$3.50 POSTAGE PREPAID.
STEPHEN SELDEN, PROPRIETOR,
Office No. 69 & 71 Granville Street, Halifax, N. S.

Printing of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms.
MAGISTRATES BLANKS ALWAYS ON HAND