

The Messenger Almanac.

JANUARY, 1881.

First Quarter, Jan. 7th, 3h. 55m. M.
Full Moon, " 15th, 7h. 20m. M.
Last Quarter, " 23rd, 4h. 35m. M.
New Moon, " 29th, 8h. 34m. A.

Day	SUN.	MOON.	High Tide
W.	Rise.	Sets.	at Halifax
1 Sa.	7 42 4	25 1 10	5 55
2 Su.	7 42 4	27 9 2	8 12
3 M.	7 42 4	28 9 32	9 53
4 Tu.	7 42 4	29 9 59	10 40
5 W.	7 42 4	30 10 25	11 24
6 Th.	7 42 4	31 10 49	M
7 Fr.	7 41 4	1 11 17	0 9
8 Sa.	7 41 4	3 11 47	1 11
9 Su.	7 41 4	5 12 20	1 43
10 M.	7 41 4	7 12 58	2 15
11 Tu.	7 40 4	9 1 38	3 13
12 W.	7 40 4	11 1 17	4 4
13 Th.	7 39 4	13 1 6	5 58
14 Fr.	7 38 4	15 1 54	6 40
15 Sa.	7 38 4	17 2 3	7 15
16 Su.	7 38 4	19 2 38	7 43
17 M.	7 37 4	21 3 12	8 12
18 Tu.	7 36 4	23 3 37	8 37
19 W.	7 36 4	25 4 8	8 58
20 Th.	7 35 4	27 4 30	9 20
21 Fr.	7 34 4	29 4 14	9 40
22 Sa.	7 33 4	31 4 11	10 11
23 Su.	7 33 4	1 5 10	10 40
24 M.	7 32 4	3 6 43	11 17
25 Tu.	7 31 4	5 7 41	11 50
26 W.	7 30 4	7 8 46	12 19
27 Th.	7 29 4	9 9 48	12 43
28 Fr.	7 28 4	11 10 48	1 12
29 Sa.	7 27 4	13 11 49	1 43
30 Su.	7 26 4	15 12 48	2 15
31 M.	7 25 4	17 1 38	2 40

THE TIDES.—The column of the Moon's Southings gives the time of high water at Pictou, New Brunswick, 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.

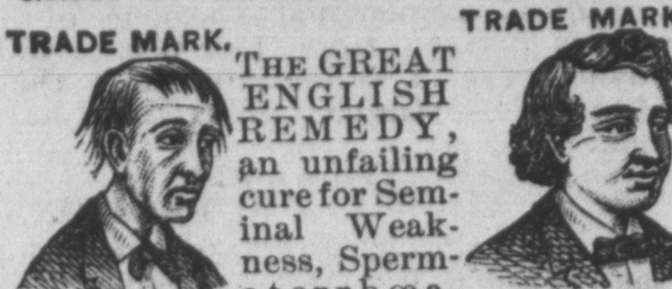
FOR THE LENGTH OF THE DAY.—Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

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.

PATENTS

obtained for Inventors, in the United States, Canada, and Europe, at reduced rates. With our principal office located in Washington, directly opposite the United States Patent Office, we are able to attend to all Patent Business with greater promptness and despatch and less cost, than other patent attorneys, who are at a distance from Washington, and who have, therefore, to employ "associate attorneys." We make preliminary examinations and furnish opinions as to patentability, free of charge, and all who are interested in new inventions and Patents are invited to send for a copy of our "Guide for obtaining Patents," which is sent free to any address, and contains complete instructions how to obtain Patents, and other valuable matter. We refer to the German-American National Bank, Washington, D. C.; the Royal Swedish, Norwegian, and Danish Legations, at Washington; Hon. Jos. Casey, late Chief Justice, U. S. Court of Claims, and to the Officials of the U. S. Patent Office, and to Senators and Members of Congress from every State. Address: LOUIS BAGGER & CO., Solicitors of Patents and Attorneys-at-Law, LeDroit Building, Washington, D. C. May 1.

GRAY'S SPECIFIC MEDICINE.



Before Taking Impotency, After Taking and all diseases that follow as a sequence of Self-Abuse; as loss of Memory, Universal Lassitude, Pain in the Back, Dimness of Vision, Premature Old Age, and many other Diseases that lead to Insanity or Consumption and a Premature Grave. Full particulars in our pamphlet, which we desire to send free by mail to every one. The Specific Medicine is sold by all druggists at \$1 per package, or six packages for \$5, or will be sent free by mail on receipt of the money by addressing THE GRAY MEDICINE CO., Toronto, Ont.

Sold in Halifax by all druggists and everywhere in Canada and the United States by all wholesale and retail druggists.

N. B.—The demands of our business have necessitated our removing to Toronto, to which place please address all future communications. March 12, 79.

DR. J. WOODBURY'S Horse Liniment,

Is the only decidedly reliable remedy for all affections of the Horses hoofs, and promptly removes Splints, Curbs, Bog Spavins, Strains or Sprains, Bruises, Saddle or Collar Galls, &c., &c. And given internally will promptly relieve every character of Cough, Enlargement of the Glands, Affections of the Kidneys, etc. And when used according to the directions as an internal or external remedy it is strictly warranted to effect that for which it is recommended. No stable should be without it. For full description and directions, see Circulars around each bottle.

Sold Wholesale by BROWN & WEBB, Halifax; and at Retail by BROWN BROS., and by Druggists and Grocers generally throughout the province. Nov. 5. eow. 6m.

THE FARM.

HOW TO BURN CLAY.—The burning of the clay of a garden is an old and often a very complete method of rendering the soil permanently mellow and friable, and of greatly adding to its fertility. A little manual, "Manures for the Many"—London, 171 Fleet-street,—gives a method of doing it on a large scale, and *The Journal of Horticulture* says there is no doubt of its immediate and permanent advantage. If this were always the case, one should expect to see the sites of brickkilns and other large fires overrun by luxuriant weeds from flying seeds, instead of remaining sterile for a length of time, as frequently observed. It is easy, however, to test the matter in a small way where tough clay makes gardening all but impracticable. The roasting of earth for potting flowers is common, but it is resorted to chiefly to secure the destruction of pestiferous seeds, germs, and insects. The clay referred to in the pamphlet was so tough and adhesive before being burned that the workmen were obliged to dip their spades constantly in water to cause it to slip off the metal. A stack of wood was built up five feet across and high, with kindling in the centre, and a gutter to supply draft. The clay around, excepting that of the somewhat improved surface, was then thrown on in open lumps to about a foot deep, and the fire started and watched. Fresh clay was added when any part of the clay on the heap became burning hot. When this last was heated, a long hooked iron rod was used to break down and distribute the fire so as to enlarge it. More wood was laid on, flat this time, and over it more clay, which had been taken out ready so that the wood could be covered quickly. This breaking down, extension of base, and renewing was repeated until all the clay had its sticky tenacity and other bad qualities roasted out of it. The succeeding crops are described as having been amazingly fine.

Sir John Lubbock has made a discovery which may turn out of some importance to our western farmers. In the neighbourhood of the site of ancient Troy, Sir John has come across a beetle whose mission it seems to be to destroy locusts by consuming their eggs. Even before they arrive at the dignity of full blown beetles, while in the grub state of their development, they begin their attack on the unhatched young of the "winged destroyer." The voracity of the Lubbock beetle is said to be extraordinary, and some of them seem to be able to destroy the whole crop of "hoppers," and have actually done so in certain parts of Asia Minor the past season.

HEALTH HINTS.

HINTS TO THOSE VISITING THE SICK.—Enter and leave the room quietly. Carry a cheerful face and speak cheerful words.

If the sickness is serious, do not fall into gay and careless talk in the attempt to be cheerful.

Don't ask questions, and thus oblige the invalid to talk.

Talk about something outside, and not about the disease of the patient.

Tell the news, but not the list of the sick and dying.

If possible, carry something to please the eye and relieve the monotony of the sick room—a flower, or even a picture which you can loan for a few days. Highly perfumed flowers, however should never be carried into the sick-room.

Some little simple delicacy to tempt the appetite may be well bestowed.

Stay only a few minutes at the longest, unless you can be of some help.

VARIETIES.

There seems to be great anxiety and impatience on the part of the people to see the revised edition of the Bible, that they may see what changes have been made. The trouble with most people will be, that they don't know enough about the old Bible to recognize the change when they see it. We heard a man say that he considered this unauthorized meddling with and changing of the Sacred Book little less than blasphemy. And at the same time of making the remark, he was hunting all through the book of Job to find the quotation, "Make hay while the sun shines."

A lady in the New Haven hospital, who had been taking morphia in order to get sleep, for many nights was given a bottle labelled "sleeping drops," but

filled only with water. She complained that the medicine was rather strong and braced her head, and after the dose was reduced, slept comfortably every night for a month.

THE HOUSE.

OUR RECIPE FOR MAKING SAUER-KRAUT.—The best we have ever eaten we made ourselves for many years, and for a considerable time with our own hands, and always from Savoy cabbage. It was manufactured in this wise:—In the first place, let your barrel, "stand," holding from a half-barrel to a barrel be thoroughly scalded out; the cutter, tub, and the stamper also well scalded. Take off all the outer leaves of the cabbage, halve them, remove the heart and proceed with the cutting. Lay some clean leaves at the bottom of the stand, sprinkle with a handful of salt, fill in a half bushel of cut cabbage, stamp gently until the juice just makes its appearance, then add another handful of salt and so on until the stand is full. Cover over with cabbage leaves, place on top of that a stone, weighing twelve or fifteen pounds. Stand away in a cool place, and when hard freezing comes on remove to the cellar. It will be ready for use in from four to six weeks. The cabbage should be but tolerably coarse. The Savoy variety makes the best article, but it is only half as productive as the Drumhead and Flat Dutch.—*Germantown Telegraph.*

HARD SOAP MADE WITH WASHING SODA.—Pour five gallons of boiling water over six pounds of washing soda and three pounds of unslacked lime. After it settles and becomes clear, pour off. You may then turn over it two gallons of clear, cold water, to be added from time to time as the soap is in danger of boiling over. To the five gallons of soda and lime water, add six pounds of perfectly clean fat and boil about two and a half hours, or until it begins to harden. Throw in a handful of salt just before taking from the fire. Pour into a tub and let stand until solid.

CHOW-CHOW.—Two heads of cabbage cut fine; one-half peck green tomatoes; one-half peck onions; five dozen cucumbers, slice the large ones; three-quarters of a pint of small red and green peppers; sprinkle with one pint of salt, and drain all night; pour off all the juice, and add one ounce pepper-grain, one ounce white mustard seed, one ounce celery seed, one ounce turmeric, one ounce of cloves, three tablespoonsful of ground mustard, two pounds of brown sugar, enough horse radish, grated fine, to make a pint. Cover all with strong vinegar, and boil thirty minutes. In laying the pickles put a layer of pickles and a layer of spices. Half the above quantity will make plenty for a family of three or four.

BOSTON BAKED BEANS.—Pick over the beans, rejecting all imperfect ones; soak them over night; in the morning parboil them till the skins crack open, dip them from the kettle with a perforated skimmer into a glazed earthen pot, salt to taste, put in the top of the pot a piece of fat pork with the rind scored, cover with water, put on a cover of dough or tin, and bake in an oven not very hot, for six hours. If the oven is of brick, they may be put in at night and remain till morning. Butter or suet may be used instead of pork. Sometimes a tablespoonful of molasses is put in when the salt is added.

MENDING GLASS OR CHINA.—The *Journal de Pharmacie* gives the following recipe for a mullage which will unite wood or mend porcelain or glass. To 8½ ounces of a strong solution of gum arabic add 30 grains of a solution of sulphate of alumina dissolved in ¾ of an ounce of water.

DARNING STOCKINGS.—This very necessary art seems to be going into disuse. If young ladies were obliged to knit their own hose, as they used to do in years gone by, they would realize the worth of the article, and try to make them wear as long as possible. Still, if hose do not cost much, they are worth saving as long as possible; and there are many girls who have to, or at least ought to economize, and to such, a penny saved is as good as a penny earned. Darning stockings is one of the best opportunities to exhibit nice needle work and handiwork with a needle, and what is worth doing at all, is worth doing well. It pays to line stocking heels with fine soft cloth, as they wear much longer; but never patch stockings.



INTERCOLONIAL RAILWAY.

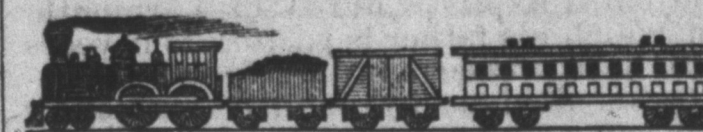
WINTER ARRANGEMENT.

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 8.00 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.

Winter Arrangement—Commencing Thursday, 16th Dec., 1880.

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

Miles.	GOING WEST	Express Wed. and Saturday only.	Passenger and Freight, Thurs., Friday and Saturday only.	Pass. and Freight, Daily.
Halifax.....	Leave	7 45	7 45	8 00
46 Windsor.		9 45	10 55	6 15
64 Wolfville.		10 39	12 02	7 17
71 Kentville.	Arrive	11 00	12 30	7 40
Do.	Leave	11 15	12 50	
83 Berwick.		11 49	1 38	
102 Middleton.		12 37	2 33	
130 Annapolis.	Arrive	2 00	4 45	
St. John.	do	7 45		

Miles.	GOING EAST.	Express Wed. and Saturday only.	Pass. and Freight, Daily.
St. John.	Leave	7 45	8 00
Annapolis.	Leave	7 50	2 15
28 Middleton.		9 38	3 38
47 Berwick.		11 02	4 27
59 Kentville.	Arrive	11 55	5 00
66 Wolfville.	Leave	6 30	12 30
Do.	do	6 57	12 58
84 Windsor.	Arrive	8 15	2 30
130 Halifax.	Arrive	11 00	5 25

Steamer "Edgar Stuart" leaves St. John at 8 a. m. every Monday, Wednesday and Saturday for Digby and Annapolis, and returns the same days, 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.

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 & Sachville Streets.
BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Performers, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market. Jan. 31.

A Sure relief for Asthma. Price 25 cts. by mail. STOWELL & CO. Charlottetown, Man.

KIDDER'S PASTILLES.

Feb. 25.

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 Dismissal 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.
CHRISTIAN MESSENGER OFFICE.
No. 69 & 71 Granville St., Halifax.
April 15.

MUSICAL.

GATES BROS.,

Manufacturers of

ORGANS AND PIANOS.

Organs from \$75 and upwards. War-

ranted 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. ent.

C. E. GATES, Musical Departm.

G. O. GATES, Manufacturing.

W. J. Gates, Manager.

Oct. 1.

REMOVAL OF DRUG STORE.

JOHN K. BENT,

Wholesale and Retail Druggist,

Begs to inform his friends and patrons

that he has removed his DRUG

STORE to the commodious premises,

132 GRANVILLE STREET.

Six doors South of the old stand, where

will be found a complete assortment of

Drugs, Medicines, Chemicals, Spices,

Seeds, Dye Stuffs, Combs, Brushes, Fancy

Soaps, Perfumery, etc.

Mr. Bent takes this opportunity to

thank his numerous friends for the patronage

so liberally bestowed on him for the

last 14 years, and trusts to merit a

continuance of the same.

Nov. 17.

HALIFAX STEAM DYE WORKS,

566 Upper Water Street,

HALIFAX, N. S.

Cheapest place in the City.

COATS DYED and PRESSED for \$1.00.

FEATHERS DYED ALL SHADES

AND CURLED.

COATS, DRESSES, CURTAINS,

SHAWLS, SACQUES, etc.,

Dyed to look like New.

JOHN HUBELEY, Proprietor.

Oct. 22.

BOOKS AND STATIONERY,

Room Paper, Window Blinds,

&c., &c., &c.

Wholesale and Retail,

WM. GOSSIP,

103 Granville Street.

Just Opened.

600 doz. Dwarf or Miniature Ink.

750 " Fabers' Pencils (genuine) Nos.

1, 2, 3, 4.

Writing Parchment.

Walkden's Marking Inks.

Melanyl, a new chemical Indelible

Marking Ink, requires no heating—

last and best invention.

Best Red Sealing Wax.

Quarts, Pints, Half Pints, &c., Stephen's,

Walkden's, Antoine's celebrated

French Inks, Carter's, &c. Red

Ink, all sizes. Blue Ink.

Large stock of Paper Hangings at

prices much lower than heretofore in

Halifax.

Wholesale & Retail.

Careful and prompt attention given to

orders from the country.

Enquire for WM. GOSSIP