

The Messenger Almanac.

Table with columns for Day, SUN, MOON, High Tide, and Low Tide. Includes dates for New Moon, First Quarter, Full Moon, and Last Quarter.

THE TIDES.—The column of the Moon's Southings 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.

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 Cathartic Pills.

For all the purposes of a Family Physic, and for curing Costiveness, Jaundice, Indigestion, Foul Stomach, Breath, Headache, Erysipelas, Rheumatism, Eruptions and Skin Diseases, Biliousness, Dropsy, Tumors, Worms, Neuralgia, as a Dinner Pill, for Purifying the Blood.



Are the most effective and congenial purgative ever discovered. They are mild, but effectual in their operation, moving the bowels slowly and without pain. Although gentle in their operation, they are still the most thorough and searching cathartic medicine that can be employed: cleansing the stomach and bowels, and even the blood.

AYER'S PILLS have been known for more than a quarter of a century, and have obtained a world-wide reputation for their virtues.

Dr. J. C. AYER & CO., Lowell, Mass., Practical and Analytical Chemists.

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WITH INTRODUCTION BY PROFESSOR LAWSON, Ph. D., & A. & W. Mackinlay, May 12. Publishers.

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\$72 A WEEK. \$12 a day at home easily made. Costly outfit free. Address TRUE & Co., Augusta, Maine. *Sept. 29, 1880.

AGRICULTURE.

ABOUT CLOVER.—I have had a good deal of experience in sowing clover seed, both mixed with timothy seed and by itself, and I think it is best to sow it by itself. Timothy should be sown in the fall or winter, at least as early as February, and clover should not be sown till April, as it is tender and easily killed when it first comes up, by frost.

Now, as for the fertilizing qualities of clover, I can only say as most all others have said, that it is the best way I know of to enrich land where green crops are used for that purpose. Its roots deeper than any other grass that I know of, and thereby brings to the surface plant food that could not be obtained any other way.

One thing more and I am done. Don't pasture clover in the winter or allow any stock to run over it when there are heavy frosts, in the fall of the year, as it is very injurious to it to be trampled at that time.

THE WHEAT CROP OF FRANCE.—Russia, being the chief wheat exporting country of Europe, is usually considered the greatest wheat grower. Yet the wheat crop of France is much larger, her annual crop being 286,448,000 against Russia's 224,000,000.

HEALTH HINTS.

THE BEST VEHICLE.—An anecdote is told of a physician who was called to a foreign family to prescribe for a case of incipient consumption. He gave them a prescription for pills, and wrote the direction: "One pill to be taken three times a day, in any convenient vehicle."

VEGETABLES are generally laxative. Carrots and garlic are diuretic. The Jerusalem artichoke, horseradish, asparagus, and celery all relieve rheumatism; and the latter is invaluable in conditions of nervousness and exhaustion.

Hot lemonade is one of the best remedies for colds, as it acts promptly and efficiently and has no unpleasant after-effects. One lemon should be properly squeezed, cut in slices put with sugar, and covered with half a pint of boiling water.

SCIENCE.

WHERE DOES THE DAY BEGIN.—As a matter of fact the day begins all round the world, not at the same instant, but just as the sun visits successive portions of the earth in his journey from east to west. But the traveller who crosses the Pacific Ocean can give another answer to that question; that on the 180th degree of longitude—one half of the circumference of the globe, starting from Greenwich, east or west—there is an arbitrary change or dropping of a day, and that at this point, if anywhere, the day may be said to begin.

A mine of antimony has been discovered in southern California. Hitherto the only source of this metal, of constant use in the arts and indispensable in the manufacture of type, has been in Borneo.

The use of postal cards has entailed an enormous increase in brief correspondence. From a return just published in Germany we find that in the year 1878, 342,000,000 were used in Europe, of which number 111,455,000 were mailed in the United Kingdom, 108,741,000 in Germany, and 80,522,000 in France.

The artesian well being sunk near the Providence railroad at Boston has struck a vein that they call gold quartz.

To Architects, Builders and Others.

BROKESHIRE'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.

A material to meet these shortcomings has been invented and patented by Mr. JOHN BROKESHIRE, 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.

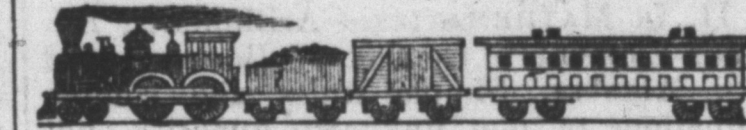
This roofing is pronounced by competent judges to be "far superior to anything yet discovered for SAFETY and DURABILITY, being perfectly safe from sparks or blazing shingles, and quite impervious to winter frost or summer heat."

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.



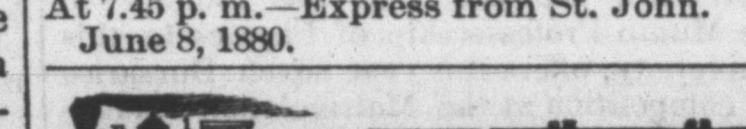
INTERCOLONIAL RAILWAY.

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.

Table with columns for GOING WEST, Miles, Express, Passengers, Freight, and Pass. & Freight. Lists stations like Halifax, Windsor, Wolfville, Kentville, Berwick, Middleton, and Annapolis.

GOING EAST.

Table with columns for Miles, Pass. and Freight, and Pass. and Freight. Lists stations like St. John, Annapolis, Middleton, Berwick, Kentville, Wolfville, Windsor, and Halifax.

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. Psalms, 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.

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, Performers, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market. Jan. 31.

A Sure relief for Asthma. KIDDER'S PASTILLES. Price 35 cts. by mail. STOWELL & CO. Charlottetown, Mass. Feb. 25.

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. C. E. GATES, Musical Department, G. O. GATES, Manufacturing, W. J. Gates, Manager. Oct. 1.

THE CHRISTIAN MESSENGER

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