

The Messenger Almanac.

AUGUST. New Moon, August 5th, 11h. 31m. A. First Quarter, " 13th, 5h. 28m. M. Full Moon, " 20th, 1h. 4m. A. Last Quarter, " 27th, 0h. 1m. A.

Table with columns: Day, SUN. Rise, Sets, MOON. Rises, South, Sets, High Tide at Halifax. Rows for days of the month from 1st to 31st.

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

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! SO ORDERED TO ASSORT STOCK. May 12.

Ayer's Cherry Pectoral For Diseases of the Throat and Lungs, such as Coughs, Colds, Whooping Cough, Bronchitis, Asthma, and Consumption. The reputation it has attained, in consequence of the marvellous cures it has produced during the last half century, is a sufficient assurance to the public that it will continue to realize the happiest results that can be desired.

PREPARED BY Dr. J. C. AYER & CO., Lowell, Mass., Practical and Analytical Chemists. SOLD BY ALL DRUGGISTS EVERYWHERE. BROWN & WEBB, Halifax, Dec. 11. 1y. Wholesale Agents.

SCIENCE.

THE TELEPHONE.—The magician of olden time professed to afford to the knight, when far away from home a glimpse of the lady of his love. After many incantations, dimly he fancied he saw her in some mirror surrounded by her maidens and sadly feeling his absence.

It is assuredly not very conceivable how this can be done. But electricity suggests the possibility of seeing by the same agency. We learn that Professor Graham Bell has sent in a sealed packet to the Franklyn Institute of America, which is a Society corresponding to the Royal Society of Great Britain, containing the description of an instrument or apparatus for conveying light by electricity.

THE HOUSEHOLD. VEAL STUFFING.—Take two ounces of ham or lean bacon, one quarter of a pound of suet, the rind of a half a lemon one teaspoonful of minced sweet herbs; salt, cayenne, and pounded mace to taste; six ounces of bread crumbs, two eggs. Shred the ham or bacon, chop the suet, lemon peel, and herbs, taking particular care that all be very finely minced; add a seasoning to taste of salt, cayenne, and mace, and blend all thoroughly together with the bread crumbs before wetting. Now beat and strain the eggs, work these up with the other ingredients, and the forcemeat will be ready for use.

When this is made into balls, fry to a nice brown in boiling lard, or put them on a tin and bake for half an hour in a moderate oven. No one flavour should predominate greatly, and the forcemeat should be sufficiently firm to cut with a knife and yet not dry and heavy.

The way to cook green-peas is to boil them quickly, and with just as little water as you can. A good way is to cook peas with lettuce, then you don't want any water. Line the pot with the leaves, put in one leek, and then the peas; cover close and steam them. Season with butter and saltponly.

A pound and a quarter of oatmeal will supply as much nitrogen and almost as much fat to the body as one pound of uncooked meat of ordinary quality. A man gets three times as much nourishment, at the same cost, in oatmeal as he does in meats. One pound and a half of Indian meal is equal to one pound of uncooked meat in nitrogen, and surpasses it in fat.

AGRICULTURE.

MANURE.—Anything which, being added to the soil, directly or indirectly promotes the growth of plants, is a manure. Manure directly assists vegetable growth, either by entering into the composition of plants, by absorbing and retaining moisture from the atmosphere, or by absorbing from it attractive gases. Manures indirectly assist the growth of plants, either by the destroying vermin or weeds, by decomposing in the soil, by protecting plants from sudden changes of temperature, or by improving the texture of the soil.

A FRUIT CELLAR.—Ten years ago we constructed a fruit cellar under our cellar, and it proved so satisfactory that we venture to give a brief description of it. The division walls are constructed of brick, and the apartments are two in number, an outer and an inner room. The outer room is but partially under ground, and is ten by twelve feet in area and eight feet high. The inner room is wholly under ground and frost-proof it has four brick walls and a cemented floor.

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. 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.

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.

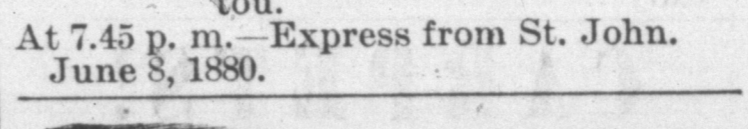
SUMMER ARRANGEMENT.

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: MILES, GOING WEST, GOING EAST, Express Daily, Pass. and Freight, Pass. and Freight, Pass. and Freight, Pass. and Freight. Rows for stations: Halifax, Windsor, Wolfville, Kentville, Berwick, Middleton, Annapolis, 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. 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.

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 Ridges, Food, Pick-me-up Bitters, &c., with a well-assorted stock of Pure Drugs. April 17

Nova Scotia

Book Bindery,

C. & T. PHILLIPS,

Corner Granville & Sackville Streets. BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Perforators, Steam Machines, 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. Warranted for 7 years. Pianos \$200 and upwards. The usual discount to Clergymen, Churches, Teachers and Societies. Factory—MELVERN SQUARE, Annapolis St.

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 Departm., G. O. GATES, Manufacturing, W. J. Gates, Manager. Oct. 1.

THE CHRISTIAN MESSENGER

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