

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, 3h. 34m. A.

Table with columns for Day, SUN., MOON., High Tide. Rows list days from 1st to 31st with corresponding times and tide heights.

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

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."

LOUIS BAGGER & CO., Solicitors of Patents and Attorneys-at-Law, LeDroit Building, Washington, D. C. May 1.

GRAY'S SPECIFIC MEDICINE.

Advertisement for Gray's Specific Medicine, featuring portraits of a man and a woman and text describing the medicine's benefits for various ailments.

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.

DR. J. WOODBURY'S Horse Liniment, Sold Wholesale by BROWN & WEBB, Halifax; and at Retail by BROWN BROS., and by Druggists and Grocers generally throughout the province.

THE HOUSE.

TO PREVENT OFFENSIVE ODOURS IN COOKING.—A lump of charcoal put into the boiling water with cabbage will almost entirely remove the offence. In boiling "greens" the atmosphere all over the house is often tainted with the offensive smell. Take a lump of bread as large as a hen's egg, tie it up in a clean cloth and put it into the kettle with the greens and it will absorb all troublesome odour.

TO MAKE BOOTS WATER PROOF.—A good composition for rendering boots proof against snow and wet can be made of one part mutton tallow and two parts beeswax, melted together. It should be applied to the leather at night and then wipe off the boots with a bit of coloured flannel the next morning.

Half an ounce of Burgundy pitch, dissolved in half a pint of drying oil, and mixed with half an ounce of turpentine, will not only make leather resist wet and damp, but will also render it more durable, pliable, and softer. Warm the boots a little over the stove, and then apply the mixture with a soft brush or swab. Let them dry thoroughly, then paint them over again.

Still another waterproof composition can be made by dissolving an ounce of powdered resin in a quarter of a pint linseed oil over the stove; put it in a tin basin, and place that in a pan of boiling water. When it is boiling hot, slice into it two ounces of mutton tallow, and apply while hot to the boots, letting it dry in thoroughly.

The following receipts for making leather waterproof are from the Hide and Leather Journal, and other authoritative sources:—

- 1. Boiled oil, 1 pint; beeswax and yellow resin, each 2 oz.; melt together. Apply warm before the fire.
2. India rubber in fragments, 1 oz.; boiled oil, 1 pint; melted together over a slow fire. Add another pint of hot boiled oil, stirring well.
3. Boiled oil, 1 pint; mutton suet, 1 lb.; beeswax, 6 oz.; resin, 4 oz.; melt over a slow fire in an earthen dish. Apply to new leather with a brush, when dry and clean.
4. Neatsfoot oil, 1/2 pint; beeswax, 4 oz. 4 tablespoonfuls of lampblack; camphor the size of a hen's egg. Melt carefully over a slow fire, stirring well after melted, never allowing it to boil. Warm the leather and apply with a brush after melting. Use little and often.
5. Shellac, 1/2 lb., broken small, in a quart bottle, cover with methylated spirits; cork tight and set in a warm place, shaking several times each day; add camphor the size of an egg; shake, add 1 oz. lampblack. Pour a little into a saucer and apply with a brush, not drying it in.—Country Gentleman.

A simple way to cleanse old pork barrels is to fill with fresh earth and let it stand two or three days, then repeat and fumigate with sulphur.

Boiling water should be poured all over and inside of a goose or duck before preparing it for cooking, to take out the strong, oily taste. If a lemon that has been carefully pared without breaking the inner white skin, be placed inside a wild duck, and kept there forty-eight hours before cooking, it will remove all traces of fishy flavor.

RINGING PIGS.—The ring is put in laterally, like a bull ring, instead of the skin between the nostrils, but never vertically, in put into the gristle. If by any means it should be too deep in and feels solid in the gristle cut the ring out with nippers and put in another that is loose in the skin. Then the pig will suffer no pain, will go right off to eating, and the pig or hog cannot root with the ring in the centre of the nose, nor do they ever tear out as in the old way.

Do not undertake to keep sheep on low, undrained lands. They will surely contract disease, and a sick sheep is about as mean a thing as one can own, not excepting a sick chicken.

A good deal of attention is being paid of late to the breeding of guinea fowls. Their flesh is relished by those who like a gamey flavor and dark meat, while their eggs, though small, are exceedingly rich, and fully make up in the num-

ber produced for their smallness. They are great devourers of insects, and also very useful as "watch dogs" in the poultry yard, for they are ever on the alert to give notice by their shrill cries of the approach of hawks, snakes, rats and other enemies to poultry.

HEALTH HINTS.

LIME WATER AND ITS USES.—Place a piece of unslacked lime (size is immaterial, as the water will only take up a certain quantity,) in a perfectly clean bottle, and fill with cold water; keep corked in a cellar or in a cool dark place; it is ready for use in a few minutes, and the clear lime-water may be used whenever it is needed. When the water is poured off, add more; this may be done three or four times, after which some new lime must be used, as at first. A teaspoonful in a cup of milk is a remedy for children's summer complaint; also for acidity of the stomach; when added to milk it has no unpleasant taste; and when put into milk that would otherwise curdle when heated, it prevents its curdling, so that it can be then used for puddings and pies. A small quantity of it will prevent the "turning" of cream and milk. It also sweetens and purifies bottles which have contained milk. Some add a cupful to a sponge of bread to prevent it from souring.

FOOD FOR FAT PEOPLE.—There are three classes of food—the oils, sweets, and starches—the special office of which is to support the animal heat and produce fat, having little or no influence in promoting strength of muscle or endurance. If the fat, therefore, would use less fat and more of lean meats, fish and fowl, less of fine flour, and more of the whole product of the grains—except the hulls—less of the sweets, particularly in warm weather, and more of the fruit acids in a mild form, as in apple, sleep less, be less indolent, and labor more in the open air, the fat would disappear to a certain extent at least, with no loss of real health. In food we have almost a perfect control in this matter, far better than we can have in the use of drugs. If we have too much fat and too little muscle, we have simply to use less of the fat-forming elements, and more of the muscle food, such as lean meats, fish and fowls, and the darker portions of grains, etc., with peas and beans.—Medical Jour.

THE USE OF LEMONS.—Lemonade is one of the best and safest drinks for any person, whether in health or not. It is suitable to all stomach diseases, is excellent in sickness—in cases of jaundice, gravel, liver complaints. Lemon juice is the best scorbutic remedy known. It not only cures this disease, but prevents it. Sailors make a daily use of it for that purpose. I advise every one to rub their gums daily with lemon juice to keep them in health. The hands and nails are also kept clean, white, soft and supple by the daily use of lemon instead of soap. It also prevents chilblains. Lemon is used in intermittent fevers, mixed with strong hot black coffee, without sugar. Neuralgia may be cured by rubbing the part affected with a cut lemon. It is valuable also to cure warts, and to destroy dandruff on the head, by rubbing the roots of the hair with it. In fact its uses are manifold, and the more we employ it externally and internally the better we shall find ourselves.

VARIETIES.

AN ODD COMBINATION.—The year 1881 will be a mathematical curiosity. From left to right and from right to left it reads the same; 18 divided by 2 gives 9 as a quotient; 81 divided by 9 gives 9; if divided by 9, the quotient contains a 9; if multiplied by 9, the product contains two 9's; 1 and 8 are 9. If the 18 be placed under the 81 and added, the sum is 99. If the figures be added thus, 1, 8, 8, 1, it will give 18. Reading from left to right it is 18, and reading from right to left it is 18, and 18 is two-ninths of 81. By adding, dividing, and multiplying, nineteen 9's are produced, being one 9 for every year needed to complete the century.

Professor (looking at his watch)—"As we have a few minutes, I should like to have any one ask questions, if so disposed." Student—"What time is it, please?" "Lemmy, you'r a pig," said a farmer to his son, who was five years old. "Now, do you know what a pig is, Lemmy?" "Yes, sir; a pig is a hog's little boy."

Newspapers don't believe in old issues. They sell them to the rag man.

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.

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.

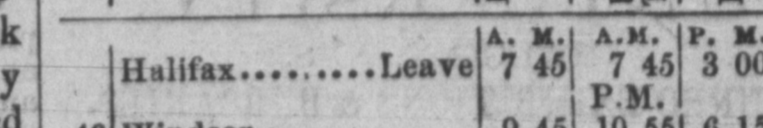
WILL ARRIVE:—

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.

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

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

Table with columns: Miles, GOING WEST, Express Wed. and Saturday only, Pass. and Freight Daily, Mon., Tues., Thurs. & Friday only, Pass. & Frgt. Daily.

Table with columns: Miles, GOING EAST, Pass. and Freight Daily, Mon., Tues., Thurs. & Friday only, Express Wed. and Saturday only.

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

KIDDER'S PASTILLES.

A Sure Relief for Asthma. Price 25 cts. by mail. STOWELL & CO., Charlestown, 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.

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