

The Messenger Almanac.

Table with columns for Day, SUN., MOON., and High Tide. Rows list days of the month from 1st to 30th with corresponding astronomical data.

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 sun 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.

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.

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.

TO INVENTORS AND MECHANICS.

NO PATENT NO PAY.

PATENTS and how to obtain them.

GILMORE, SMITH & CO., SOLICITORS OF PATENTS, Box 31, Washington, D. C. Feb. 12.

MUSICAL.

GATES BROS.,

Manufacturers of ORGANS AND PIANOS, Organs from \$75 and upwards. Warranted for 7 years. Pianos \$200 and upwards.

HEALTH HINTS.

Good authorities assert that a loose crocheted undershirt, of very open texture, is much warmer than a closely woven one, and better in every way. If the spaces between the threads are half an inch in diameter, it is no objection.

COFFEE IN TYPHUS FEVER.—Dr. Guillaume, of the French Navy, reports that, in the early stages of the disease, coffee is almost a specific against typhoid fever. He gives to adults two or three tablespoons of strong black coffee every two hours alternating with one or two teaspoons of claret or Burgundy wine.

REMEDY FOR CORNS.—Mr. Gezew, a Russian apothecary, recommends the following as a "sure" remedy for corns stating that it proves effective within a short time, and without causing any pain: Salicylic acid, 30 parts; extract of cannabis indica, 5 parts; colloidion, 240 parts. To be applied by means of a camel's hair pencil.—Pharm. Zeit.

LIGHT IN THE HOME.—The eminent English writer, Dr. Richardson, produces in one of our contemporaries, an article called "Health at Home," which is replete with wisdom. A most important point, and one on which he dwells, is the fact that so many people are afraid of the light.

ARTESIAN WELLS FOR COLORADO.—The Committee on Public Lands has reported favorably the bill introduced by Senator Hill, of Colorado, providing for the appropriation of \$50,000 to be used in sinking artesian wells in the arid regions of the Rocky Mountains. It is estimated that there are in those regions five hundred millions acres of government lands, now unsalable because of their aridity, which could be converted into valuable farming lands by irrigation, and that such artificial watering is entirely feasible by means of artesian wells.

USES OF THE POTATO.—In France, farina is largely used for culinary purposes. The famed gravies, sauces and soups of France are largely indebted for their excellence to that source, and its bread and pastry equally so, while a great deal of the so-called cognac, imported into England from France, is the product of the potato.

Common salt, mixed in cold water (tolerably strong), and used as a gargle night and morning, is found to harden the throat and keep off bronchial attacks.

AGRICULTURE.

PLANT CHESTNUT TREES.—Let every one raise his own chestnuts. It is as easily done as raising the apple or the pear. The chestnut is easily transplanted, of rapid growth, beautiful form and comes early into bearing.

Altogether 720 telegrams were despatched from the House of Commons telegraph office from members and others on Monday evening after the Chancellor of the Exchequer announced the impending dissolution. The business was got through in perfect order, and without appreciable delay.

FLOWER GARDENING.—Light, loamy soil is the best adapted to seed-culture; and if it is baked in an old pan in the kitchen oven, it will kill all the larvae of worms and all seeds of weeds. Let it cool a little, then mix it with a quarter-part of common sand (not sea sand), stir it in well, and plant the seed by scattering them sparsely over the top of the soil.

SCIENCE.

HOUSEHOLD WATER MOTOR.—In Zurich, Switzerland, the use of a portable water power, so to speak, is being extensively used for household purposes. Firewood, for example, is to be sawn into convenient lengths for burning. A small sawing machine on wheels is drawn by two men to the front of a house. They connect by a flexible tube with the nearest hydrant; the water flows to the machine; the saw dances, and cuts up the wood with surprising rapidity.

THE MANHATTAN FEED, A NUTRITIOUS CONDIMENT FOR Horses, Cattle, Milch Cows, Sheep, Pigs and Poultry.

The OBJECT of this FEED is to prevent disease, to put and maintain animals in a healthy condition, and to economize feed.

DIRECTIONS FOR FEEDING.

HORSES.—At each time of feeding mix half pint of the Feed with the usual quantity of corn or oats. In a short time your horse will be in a perfect condition, when you can deduct one-fourth part of the usual grain feed.

PRICES.

Bags containing 100 Feeds (25 lbs.), \$2.00. Bags containing 200 (50 lbs.) \$4.00. Bags containing 400 Feeds (100 lbs.), \$8.00.

Prepared only by MARSDEN & CO., 698 Craig St. Montreal.

GENERAL AGENT FOR THE MARITIME PROVINCES—GEORGE FRASER, 76 Granville St., Halifax.

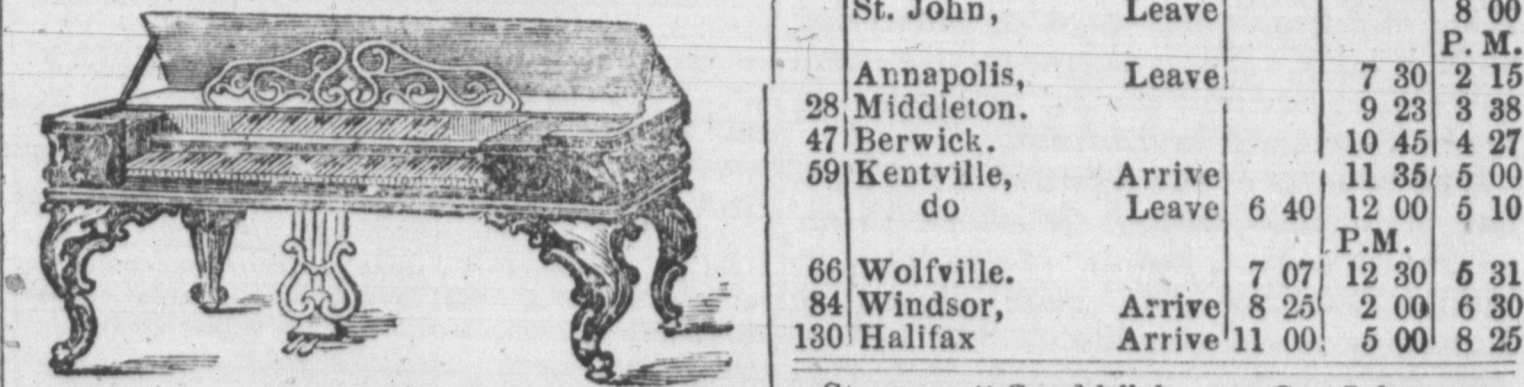
Ayer's Cherry Pectoral

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.

As a safeguard to children, amid the distressing diseases which beset the Throat and Chest of Childhood, it is invaluable; for, by its timely use, multitudes are rescued and restored to health.

PREPARED BY DR. J. C. AYER & CO., Lowell, Mass., Practical and Analytical Chemists.



1879—Provincial Exhibition—1879 Fraser & Sons, 82 & 84 Barrington Street, Halifax, N. S. EXHIBITED SQUARE AND UPRIGHT PIANOS, —And were Awarded— DIPLOMA AND HIGHEST PRIZE.

These Pianos were not got up for exhibition, but were our ordinary manufacture. We invite inspection of our instruments; all first class and warranted to give satisfaction.



INTERCOLONIAL RAILWAY.

1879 WINTER ARRANGEMENT 1879 TRAINS leave Halifax daily (Sunday excepted) as follows: (Halifax time.) At 8.30 a. m.—Express for St. John, Pictou, and intermediate places.

WINDSOR & ANNAPOLIS Railway.

Winter Arrangement, Commencing 4th Dec., 1879.

Table with columns for GOING WEST, Miles, and departure/arrival times for Halifax, Windsor, Kentville, Berwick, Middleton, and Annapolis.

GOING EAST.

Table with columns for Miles, departure/arrival times, and Express Mon. Wed. and Saturday only.

HALIFAX and CAPE BRETON RAILWAY.

Leaves Antigonish at 9 a. m., and New Glasgow at 1.45 p. m. Arrive at New Glasgow at 11.30 a. m., and at Antigonish at 4.15 p. m.

THE CHRISTIAN MESSENGER

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