

The Messenger Almanac.

Table with columns for Day, SUN, MOON, High Tide, and various astronomical data for the month of March.

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.

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.

For Consumption

And all diseases that lead to it; such as COUGHS, NEGLECTED COLDS, BRONCHITIS, PAIN IN THE CHEST, AND ALL DISEASES OF THE LUNGS.

ALLEN'S LUNG BALSM

IT IS WARRANTED to break up the most distressing Cough in a few hours time, if not of too long standing.

It is WARRANTED to give entire satisfaction even in the most confirmed cases of Consumption! It is WARRANTED not to produce costiveness (which is the case with most remedies), or affect the head as it contains no Opium in any form.

PRICE \$1 PER BOTTLE. SOLD BY ALL DRUGGISTS. April 22.

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.

60 VISITING OR CALLING CARDS with your name finely printed, sent for 25 cents. Agents wanted. 6 samples sent for three cent stamp.

A. W. KINNEY, Yarmouth, N. S. May 24. ly.

AGRICULTURE.

Young man, if you are going to be a farmer, determine to be a good one. Don't be second class to any one.

Farm products never get out of fashion, like the products of some mechanical industries. There is always a demand at some price, for everything that can be produced.

A PROMISING EXPERIMENT.—Some remarkable experiments in wheat cultivation have been tried in Michigan. Under the supervision of a committee appointed for the purpose, 68 lbs. of seed to the acre were sown in drills 16 inches apart, and the grain was cultivated with a horse hoe once in the fall and twice in the spring.

BONE MEAL FOR SWINE.—The Indiana Farmer says that most farmers have noticed that in fattening swine, especially when they are crowded rapidly, they always appear weak in their hind legs, and sometimes lose the use of them entirely.

Where it is not handy to make a hot-bed, and the requirements are for only a few plants for house use, some people may be so located that they cannot reach handily any point where early cabbage and tomato plants are grown for sale.

Successful farming depends on a better preparation of the land, under draining, and thorough working before and after planting.

SCIENCE.

OPTICAL DELUSION.—Take three differently colored wafers—red, violet, and orange—place them upon a large piece of white paper, in a triangular form; hold the paper in a strong light, and fix the eyes upon the wafers, gazing upon them steadily for two minutes; then turn them away from the wafers to a blank part of the paper, and you will see three spectral wafers, but the colors will be different; the red wafer will now be represented by a green one, the violet by a yellow, and the orange by a blue.

There were only two species of earwigs known to Linnaeus, and they were European. Now at least 250 are known to naturalists, and they are found all over the world.

TO TEST OIL.—Place the bulb of a good thermometer in a small cup nearly filled with a sample of the oil, and suspended in a large vessel containing water. Gradually heat the water, apply a lighted taper to the oil, and note on the thermometer at what degree the oil flashes (i. e., the temperature of the oil at the moment it begins to give off inflammable vapors).

NEAR-SIGHTEDNESS.—It is a peculiar fact that myopia, or near-sightedness is exclusively an attendant of civilization, never being found among savages, and rarely among the peasantry of any country.

in colleges; that is, in village schools less than one per cent. of the pupils are myopic, in city schools about twenty-one per cent, and in colleges as many as forty per cent. The disease increases with age, and an hereditary tendency towards it is often found in children.—Boston Transcript.

HEALTH HINTS.

ALLEGED REMEDY FOR CONSUMPTION.—A correspondent writes a well known plant: "I have discovered a remedy for consumption. It has cured numbers of cases after they had commenced bleeding at the lungs and the hectic flush was already on the cheek. After trying this remedy to my own satisfaction, I have thought philanthropy required that I should let it be known to the world. It is common mullen, steeped strongly and sweetened with coffee sugar, and drank freely. Young or old plants are good, dried in the shade and kept in clean bags. The medicine must be continued from three to six months, according to nature of the disease. It is very good for the blood vessels also. It strengthens and builds up the system instead of taking away the strength. It makes good blood and takes inflammation away from the lungs. It is the wish of the writer that every periodical in the United States, Canada and Europe should publish this recipe for the benefit of the human family. Lay this up and keep it in the house ready for use.—Ec.

WATER-PROOF BOOTS.—It is not always desirable that boots should be absolutely water-proof, as whatever keeps water out will keep it in, and whoever has worn Indian-rubber boots for any length of time, knows that retaining the perspiration of the feet soon puts them in a very unpleasant half-par-boiled condition that is not desirable. Still, water-proof boots are useful in an emergency, to be worn for a short time—as in doing the chores in bad weather. A pair of good rubber boots will answer this purpose, or a pair of common cowhide boots may be made waterproof after the method of New England fisherman.

To relieve a weak back: add one pint of alcohol to a beef's gall and bathe frequently.

The best anodyne is a liberal amount of muscular activity out of doors every day. Persons who sit around the fire and lounge on the sofa, or read or sew a great part of the day, need not expect sound sleep; only the laboring man can taste it in all its sweetness.

A kerosene lamp is not a suitable light for a sick-room, for it should never be turned down low, on account of the disagreeable odor which results. If your kerosene lamp emits a disagreeable smell, it shows that something is wrong—the oil may be of an inferior quality, the burner may be poor, or it is clogged up, or the wick needs to be evenly trimmed.

VARIETIES.

Dean Stanley makes no gestures when preaching, and stands quite still. The story goes that one Sunday, after returning from church, he asked his wife why the people looked so intently at him during the service. She replied, "How could they help it, dear, when one of your gloves was on the top of your head all the time?" It had dropped from his hat.

Two friends met each other on a Paris boulevard. Laura—"My gracious! Emilie, how old you look to-day! I never remember you looking so old as you look to-day." Emilie—"You shouldn't be surprised, my dear, for I never was so old as I am to-day."

Erkine puzzled the wits of his acquaintance by inscribing on a tea-chest the words "Tu doces." It was some time before they found out the wit of this literal translation—"Thou teacheest."

To enjoy life you should be a little miserable occasionally. Trouble, like cayenne, is not very agreeable in itself, but it gives greater zest to other things.

The reason why young ladies like naval officers is because they belong to the marrytime service.

THE BAPTIST HYMN BOOK

published by the Baptist Publication Society, may be obtained at the CHRISTIAN MESSENGER OFFICE, HALIFAX

CHEAP EDITION.—Square 18 mo. Clear Agate type. 1,000 Hymns for 50 cents. Bound in morocco.

POCKET EDITION.—24mo. Handsome Minion type. Sheep, 75 cents. Extra Turkey, \$2.

PEW EDITION.—18mo. Sheep, \$1.20. Extra Turkey, \$3.25.

PULPIT EDITION.—12mo. Small Pica type. Sheep, \$2.00. Extra Turkey, \$4.00.

BAPTIST HYMN & TUNE BOOK

The Hymns of the Baptist Hymn-Book adapted to music. It contains 325 of the BEST STANDARD TUNES IN THE WORLD. This book has no equal as a Hymn and Tune Book

Price \$1.00.

It is strongly and beautifully bound in the finest English Muslin and best style, with red edges—special attention is given to the strength of the binding.

ONE THOUSAND HYMNS, AND THREE HUNDRED AND TWENTY-FIVE TUNES FOR ONLY \$1.00.

THE HYMN & TUNE BOOK costs for postage 4 cents. Parties wishing a copy by mail sending \$1.04 will have a copy sent by return mail.

Orders received and filled for the Society's publications or any other books, CHRISTIAN MESSENGER OFFICE, No. 71 GRANVILLE ST., HALIFAX, Sept. 16.



W. FRASER & SONS,

82 & 84 Barrington Street, Halifax, N. S. and has just finished some very fine trichord

GOTTAGE PIANOS,

overstrung and oblique, with full metallic frames and supports, in handsome rosewood and walnut cases, which, for material, workmanship and tone, cannot be surpassed by any in the market, and which they are willing to dispose of

AT LOWER PRICES

than are obtained elsewhere for instruments of an inferior class. Sept. 27.

Agents for the Christian Messenger.

- NOVA SCOTIA. Amherst—Charles H. Bent. W. F. Catten, Esq. Antigonish—T. M. King, Esq. Aylesford—Rev. Dr. Turpin, J. Wheelock, Esq. Rev. E. O. Read. Aylesford Upper—Rev. J. L. Read. Acadia Mines—I. D. Cook. Barrington—Rev. W. H. Richan. Beaver River—Wm. S. Raymond, Esq. Berwick—John M. Parker, Esq. Bridgewater—Wellesley J. Gates. Bridgetown—Nathan R. Morse. Brighton, Digby County—N. R. Westcott, Esq. Brookton—J. Leadbetter. Bear Mountain—John Whitman. Bass River—Robinson Thompson. Caledonia—B. L. Telfer. Chester—Rev. I. J. Skinner. Clements—Jas. E. Potter, Esq. Cornwallis—J. E. Lockwood. Canso—W. A. Hutchison. Do., Billtown—Gideon Cogswell, Esq. Do., Canning—Jas. S. Witter, Esq. Digby—Rev. Joseph H. Saunders. Digby Joggins—Wm. Aymer, Esq. Digby Neck—Rev. J. C. Morse. Debert East—Thomas A. Wilson. Economy—Josiah Soley. Granville—Joseph D. Halfyard. Guysborough—Christopher Jost, Esq. Greenwood—Robert Harlow. Hantsport—C. J. Margeson, Esq., M. D. Hillsburgh—Nelson Miller, Esq. Kempt—Joseph D. Masters, Esq. Kentville Melatah Kinsman. Liverpool—S. T. R. Bill, Esq. Long Island—Isaiah Thurber, Esq. Londonderry, Great Village—Ezra Layton. Lawrenceton, Annapolis Co.—Jas. Wheelock. Maccan, River Hebert—Hance Mills. Milton, Queen's—G. Whitfield Freeman, Esq. Mill Village—W. A. Reed. Musquodoboit—Edward McCabe. Mahone Bay—Joseph Ham. Margaree, C. B.—Lachlan McDonald. New Germany—Adam E. Durland. Newport—Wm. H. Knowles. Nictaux—W. A. Morse. New Albany—Daniel Whitman. New Tusket—Henry C. Sabean. New Glasgow—J. F. Morrow. Onslow—J. B. McNutt, Esq. Paradise—M. E. Marshall. Fort Mc—James T. Foster. Port-au-Pique—Joseph Upham. Falmouth—Isaac Larkin. Pugwash—Angus McDonnell. Parrsborough—Joseph M. Layton. Rawdon—John McLearn, Esq. River Philip—Thomas H. Patton. Locke's Island—Xerxes H. Chipman, Esq. St. Mary's Bay, Digby Co.—Chas. McNeill, Esq. New Ross—James Lantz. Springfield—Isaac McNay, Esq. Siewiacke—Rev. Jas. Meadows. Sydney, North, C. B.—A. G. Musgrave. Sydney—L. J. Walker, Esq. Upper Wilmot—Rev. W. E. Hall. Windsor—Andrew P. Shand. Westport—Holland E. Payson, Esq. Wilmot—Dr. J. Woodbury. Wilmot, Cansan Road—Fletcher Wheelock. Wilmot Mountain—Jas. P. Foster, Esq. Wolfville—G. V. Rand. Yarmouth—G. W. Sanders. Do., Deerfield—Rev. J. A. Stubbart. Do., Hebron—Wm. B. Doty. Do., Ohio—George Crosby, Esq. St. John, N. B.—John F. Marsters, Esq. PRINCE EDWARD ISLAND. Bedouque—Rev. E. N. Archibald. Crapaud—Dr. Tremaine. Charlottetown—James Deshrisay, Esq. Three Rivers—Rev. John Shaw. West River—Rev. Malcom Ross. East Point, P. E. I.—Wm. M. McVane.

INTERCOLONIAL RAILWAY.

Winter Arrangement, 1879.

TRAINS leave Halifax: At 8.25 a.m. (Express) for St. John, &c. At 1.30 p.m. (Express) for Riviere du Loup, Montreal, &c. At 5.30 p.m. (Express) for St. John and intermediate stations.

WILL ARRIVE: At 8.20 p.m. (Express) from St. John Pictou, &c. At 9.15 a.m. (Express) from St. John. At 1.30 p.m. (Express) from Riviere du Loup, Montreal, &c. Jan. 8, 1879.

SPRING HILL AND PARRSBOURGH RAILWAY.

Connects with Intercolonial. Leaves Parrsborough at 9.30 a.m. Arrives at Spring Hill at 12.20 p.m. Leaves Spring Hill at 3.20 p.m. Arrives at Parrsborough at 6.00 p.m. Jan. 8, 1879.

WESTERN COUNTIES RAILWAY.

1879—Winter Arrangement—1879. TRAINS LEAVE HALIFAX 8.00 a.m.—(Express) Wednesdays and Saturdays. 8.00 a.m.—(Accommodation) Mondays, Tuesdays, Thursdays and Fridays. 3.00 p.m.—Accommodation daily. Arrive at Windsor—9.35 a.m., 11.15 a.m. 5.40 p.m.

LEAVE WINDSOR:

8.35 a.m.—Accommodation daily. 1.45 p.m.—(Accommodation) Mondays, Tuesdays, Thursdays & Fridays. 6.35 p.m.—(Express) Wednesdays and Saturdays. Arrive at Halifax 11.32 a.m. 4.45 p.m. 8.35 p.m. Feb. 26, 1879.

WINDSOR & ANNAPOLIS Railway.

Winter Arrangement, Commencing 6th Jan., 1879.

Table with columns for Miles, Express, Freight, and Passenger services for Windsor and Annapolis.

GOING WEST.

Table showing train schedules for going west from Windsor and Annapolis.

GOING EAST.

Table showing train schedules for going east from Windsor and Annapolis.

Express Trains every Wednesday and Saturday, connect at Annapolis with Steamer for St. John.

Steamer "Scud" leaves St. John every Wednesday and Saturday, at 8 a.m. for Annapolis.

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.

MC SHANE BELL FOUNDRY

Manufacture those celebrated Bells for Churches, Academies, etc. Price-List and Circulars sent free. HENRY MC SHANE & CO., Baltimore, Md. Oct. 23. lyr.

THE CHRISTIAN MESSENGER

Is published every WEDNESDAY. Terms—Two DOLLARS a year, when paid in advance; if payment is delayed over three months \$2.25, when over six months \$2.50. POSTAGE PREPAID.

STEPHEN SELDEN, PROPRIETOR, Office No. 69 & 71 Granville Street, Halifax, N. S.

Printing of Books, Pamphlets, Cards Handbills, Blank forms, &c., &c., on reasonable terms. MAGISTRATES BLANKS ALWAYS ON HAND.