The Messenger Almanac.

FEBRUARY.					
Last Quarter, Feb. 3rd, 11h. 24m. M. New Moon, "10th, 7h. 2m. M. First Quarter, "17th, 11h. 31m. A. Full Moon, "25th, 9h. 7m. M.					
Full Moon, 25th, 9h. 7m. M. Day SUN. MOON. High Tide Rises. South. Sets. at Halifax					
1 Su. 7 23 5 5 11 14 3 51 9 13 10 48 2 M. 7 22 5 6 M 4 42 9 40 11 23 3 Tu. 7 21 5 8 0 57 5 35 10 13 A. 4 4 W. 7 19 5 9 2 12 6 32 10 52 0 49 5 Th. 7 18 5 11 3 24 7 32 11 43 1 49 6 Fr. 7 17 5 12 2 23 8 34 A. 45 3 8 7 Sa. 7 16 5 13 5 19 9 35 1 51 4 45 8 SU. 7 14 5 15 6 0 10 34 3 8 6 8 9 M. 7 13 5 46 6 35 11 29 4 23 7 8 10 Tu. 7 11 5 18 7 2 A. 20 5 38 7 58 11 W. 7 10 5 19 7 27 1 8 6 49 8 39 12 Th. 7 9 5 20 7 49 1 54 7 59 9 19					
13 Fr 7 7 5 22 8 11 2 38 9 5 9 53 14 Sa 7 6 5 23 8 35 3 22 10 9 10 29 15 SU. 7 4 5 25 8 59 4 7 11 15 11 1 16 M 7 3 5 26 9 29 4 54 M 11 32 17 Tu. 7 1 5 27 10 2 5 41 0 19 M 18 W 7 0 5 29 10 53 6 30 1 20 0 8 19 Th 6 58 5 30 11 30 7 20 2 17 0 50 19 Th 6 56 5 32 A. 24 8 10 3 10 1 44 21 Sa 6 55 5 33 1 25 9 1 3 56 2 59					
21 Sa., 6 55 5 33 1 25 9 1 3 56 2 59 22 SU, 6 53 5 34 2 30 9 50 4 37 4 36 23 M., 6 51 5 36 3 37 10 38 5 10 5 53 24 Tn 6 50 5 37 4 44 11 25 5 39 6 50					

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parrsboro, Cornwallis, Horton, Hantsport,

8 39

25 W . 6 48 5 38 5 51 M. 6 6

26 Th. 6 46 5 40 7 5 0 11 6 31

27 Fr. 6 45 5 41 8 17 0 59 6 53

28 Sa. 6 43 5 42 9 31 1 47 7 17

29 Su. 6 42 5 43 10 44 2 38 7 45

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. | quantity. At Charlottetown, 2 hours 56 minutes LATER. A Westport, 2 hours 54 minutes A 'Yarmouth, 2 hours 20 minutes

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 Alphabetical List of Members 40 cents

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

Scripture Catechism, \$6.00 per 100. CHRISTIAN MESSENGER OFFICE, No. 69 & 71 Granville St., Halifax.

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

Is all and a great deal more than we have 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

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.

TO INVENTORS AND MECHANICS. NO PATENT NO PAY.

PATENTS

and how to obtain them. Pamphlet of 60 pages free, upon receipt of Stamps for Postage. Address-

GILMORE, SMITH & CO.,

SOLICITORS OF PATENTS, Box 31, Washington, D. C.

BHUSHUAL

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 191 HOLLIS STREET, Front of 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.

SCIENCE.

CRYSTALIZATION .- To make a beautiful ernament for a room, dissolve in several different tumblers, containing Special and vital reasons exists why warm water, half ounce sulphates of iron, zinc, soda, alumina, magnesia, Poorly covering the lower limbs is one and potass. Pour them all when completely dissolved into a large evaporating dish of Wedgewood's ware, and their feet diminishes the amount of stir the whole with a glass rod; place heat generated within the body, and the dish in a warm place, where it can- uses up the fat that would otherwise be not be affected by dust; or where it may | retained, and contribute to their health not be agitated. When due evapora- and growth. "Keep the head cool and tion has taken place, the whole will the feet warm," is a maxim too true begin to shoot out into crystals. These and vital to be neglected. If girls are will be interspersed in small groups and more delicate than boys, as they are single crystals amongst each other. Their colors and peculiar form of crystallization will distinguish each crystal separately, and the whole together, remaining in the respective places where they were deposited, will display a very curious and pleasing appearance. Preserve it carefully from dust.

FROM ENGLAND TO FRANCE BY LAND .- In a recent number of Nature we are informed that the preliminary of girls are habitually cold, the proper works for boring the British Channel Tunnel are being prosecuted with great activity at Sandgate. A shaft has been sunk to the depth of 100 metres, and the experimental gallery has been commenced. If no obstacle is met with the work will be continued without further delay. Two powerful pumps have been established for elevating the water which, of course, filters in in large

THE WORLD'S STEAM POWER .- It is said the aggregate steam power in use in the world is at present 3,500,000 horse power employed in locomotive engines. This force is maintained without the consumption of animal food except by the miners who dig the coal Force maintained in their muscles is to the force generated by the products of their labor about 1 to 1,080. This steam power is equal to the working force of 25,000,000 horses, and one horse consumes three times as much food as one man. The steam power. therefore, is equivalent to the saving of food for 75,000,000 of human beings. The use of such a vast steam power has greatly reduced the cost of articles of universal use and consumption, and at the same time wages have been gradually advancing, so that the wages of a day's labor will purchase three or four times the amount of the necessities and luxuries of life that it would two centu-

THE HOUSEHOLD

Chicken Salad without chicken, can be made thus: Boil and mash fine one Irish potato; add the yolk of two cold hard- boiled eggs. While the potato is claimed for it. It is simply a HIGHLY warm beat all together; add salt melted butter, mustard and vinegar to the taste. Excellent.

CREAM CANDY .- Two cups of granulated sugar, one-half cup of water, a piece of butter the size of a walnut, two teaspoonsfuls of vanilla. Do not stir while boiling. When done pour on buttered tins, and when cool pull until

BUTTER TAFFY.—Two coffee-cups of white sugar, three-quarters of a teacup of vinegar, three-quarters of a teacup of butter. Boil until brittle. Pour into buttered dishes.

In cleaning silk handkerchiefs, wash in water in which the best white castile soap has been lathered. Then snap between the fingers until nearly dry, fold and press under a weight. Never iron.

economy of time and strength by using either glycerine or creosote mixed with a little diluted sulphuric acid.

lard a few slices of potatoes to keep it from burning.

WEARING MOURNING. - There is neither health, sense, nor religion in full mourning. A bit of black ribbon, will tell the story of bereavement just as well as a complete mourning suit. Why, will not a bit of ribbon on cloak or coat answer the purpose, and a weight of useless expense and a costume that is always gloomy and, in warm weather very uncomfortable be taken from the shoulders of bereaved mourners. Christians ought not to take a gloomy view of death. There are glorious hopes linked with the sorrows, and the hopes of those who are gone before should be too much; others let their lives adversymbolized rather than the sorrows of those who are left behind.

HEALTH HINTS.

No reasons exist why girls should not be clothed as warmly as boys. they should be clothed much warmer. reason why girls are usually more spare of flesh than boys. The coldness of said to be, a strong reason exist why they should be better clothed. One prevailing cause of consumption among girls is, that their lower limbs are poorly clothed. The great value of woolen clothing consists in its securing equal promote vigorous health. circulation of the blood, and so obviating the results of exposure to viscissitudes of temperature. If a uniform circulation is not secured the blood will overload some inner organ. If the feet circulation of the vital fluid through them will lesson more and more, until a serious, if not a fatal, injury is done. Mothers should well clothe, the lower limbs of their daughters, and so aid nature in developing them into proper growth and life.

BRAIN-WORK, ALCOMOL AND TO-BACCO. James Parton concludes recent very suggestive article upon the and strengthen the system by freeing habits and death of Bayard Taylor from the elements of weakness. (whom he had as a personal friend, warned against the danger of wine and beer drinking, and smoking), as follows "Mental labor is not hostile to health and life. But I am more than ever convinced that a man who lives by his brain is of all men bound to avoid stimulating his brain. In this climate, to stimulate the brain by alcohol and. tobacco is only a slow kind of suicide. Even the most moderate use of the mildest wine is not without danger, because the peculiar exhaustion caused by severe mental labor is a constant and urgent temptation to increase the quantity and strength of the potation. I would say to every young man in the United States. if I could reach him: If you mean to attain one of the prizes of your profession, and live a cheerful life to the age of eighty, throw away your dirty old pipe, put your cigars in the stove, never buy any more, become a absolute teetotaler, take your dinner in the middle of the day, and rest one day in seven.

VARIETIES.

A young man having written the following lines to the young woman whom he intends to honour with the offer of his heart and hand :-

Can my darling wash the dishes? Can she scrub the kitchen floor? Will she keep on mending stockings When she hears the baby roar? Does her nose detect bad butter,

With which grocery stores abound? Tell me darling, do your shoestrings Make a half-hitch, or go around?-

The Harrisburg Patriot says that she

should answer :-Can you black your boots, my darling? Keep the sidewalk clear of snow? Can you duly split the kindlings?

Will you to the market go? Can your eyes detect the shoddy Of which tailor shops are full? Tell me, darling, is your ulster Lined with cotton or with wool?

this mistake: "Mr. and Mrs.——respectfully request your presents at the marriage of their daughter."

A genuine Irish bull is something Zinc may be scoured with great that cannot be successfully imitated. Sir Boyle Roach made one of the best when he said, "Gentlemen, single misfortunes never come alone, and I have always noticed that the greatest possible When frying doughnuts put in the misfortune, is always followed by one much greater."

The epitaph on a monument to Robert Boyle, the great chemist, reads: HERE LIES

ROBERT BOYLE HE WAS THE FATHER OF CHEMISTRY

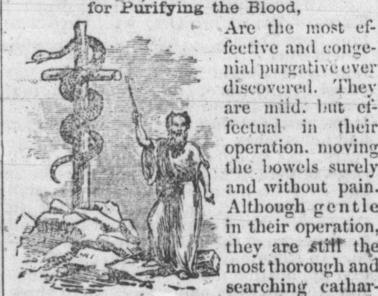
AND BROTHER OF THE EARL OF CORK.

"What were the worst results of the civil war?" cried an orator. "Widows," shouted Jones who had married one.

Some men advertise their lives and the public are generally disappointed because the advertizement promises tise them, and the public always gets more than is promised.

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.



nial purgative ever discovered. They are mild. but effeetual in their operation, moving the bowels surely and without pain. Although gentle in their operation, they are stiff the most thorough and searching cathar-

tic medicine that can be employed: cleansing the stomach and bowels, and even the blood. In small doses of one pill a day, they stimulate the digestive organs and AYER'S PILLS have been known for

more than a quarter of a century, and have obtained a world-wide reputation for their virtues. They correct diseased action in the several assimilative organs of the body, and are so composed that obstructions within their range can rarely withstand or evade them. Not only do they cure the every-day complaints of everybody, but also formidable and dangerous diseases that have baffled the best of human skill. While they produce powerful effects, they are, at the same tine, the safest and best physic for children. By their aperient action they gripe much less than the common purgatives, and never give pain when the bowels are not inflamed. They reach the vital fountains of the blood,

Adapted to all ages and conditions in all climates, containing neither calomel nor any deleterious drug, these Pills may be taken with safety by anybody. Their sugar-coating preserves them ever fresh, and makes them pleasant to take; while being purely vegetable, no harm can arise from their use in any quantity.

Dr. J. C. AYER & CO., Lowell, Mass., Practical and Analytical Chemists.
SOLD BY ALL DRUGGISTS EVERYWHERE. Brown & Webb, Halifax, Dec. 11. ly. Wholesale Agents,

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." We make preliminary examinations and furnish opinions as to patentability, free of charge, and all who are interested in new inventions and Patents are invited to send for a copy of our "Guide for obtaining Patents," which is sent free to any address, and contains complete instructions how to obtain Patents, and other valuable matter. We refer to the German-American National Bank, Washington, D. C.; the Royal Swedish, Norwegian, and Danish Legations, at Washington; Hon. Jos. Casey, late Chief Justice, U. S. Court oi Claims, to the Officials of the U. S. Patent Office, and to Senators and Members of Congress from every State. Address:

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

Nova Scotia Book Bindery, C. & T. PHILLIPS,

BOOK BINDERS, PAPERS RULERS BLANK BOOKS, Manufacturers, Perforaters, Steam Machine PAPER BAG A Broadway engraver recently made | Manufacturers. Cheapest in the Market.



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.

THE PRICES have been reduced to suit the times and will be found to compare favorably with those of any Bank-

Piano-Fortes, Cabinet and Church Organs Tuned and repaired. Nov. 5,

W. W. OR HIR O. S. P. S.

1879 WINTER ARRANGEMENT 1879

TRAINS leave Halifax daily (Sunday

L excepted) as follows:-(Halifax time.) At 8.30 a. m. - Express for St. John, Pic. tou, and intermediate places, At 1.16 p. m.—Express for Quebec and

intermediate places. At 5.30 p. m. - Accommodation for Truro. WILL ARRIVE :-

At 9.16. a. m. - Accommodation from from St. John.

At 1.56 p. m., -Express from Quebec and At 8.30 p. m.-Express from St. John, and Pictou. Dec. 3, 1879.



With h

Return Oh, wh

TOO LA

Their o

Still he

At len

" Lord

We've

O Lore

They l

Intens

And-

But s

Is hop

Ikn

My fr

Is shu

Do ye

There

They

Their

Seem

Bring

Our

Or sh

The 1

Incre

Rem

O yo

Of 1

Fat

into

Soc

Winter Arrangement, Commencing 4th Dec., 1879.

Miles.	GOING	WEST.	Express Mon., Wed. and Saturday only.	Passengers and Freight, Tues., Thu., and Friday only.	Pass. & Frgt. Daily.
45 64 71	Halifax Windsor. Wolfville.	Leave	A. M. 7 30 9 30 10 24 10 45	7 30 10 30 11 30 12 00	P. M. 2 44 5 45 6 53 7 15
	Do. Berwick.	Leave	TARE	12 00 P.M. 12 30 1 18	7 15
130	Middleton. Annapolis. St. John,	Arrive	12 20 1 45 7 30	4 20	5
Miles.	GOING		Pass. and Freight S. Daily.	Pass. and Freight Tuesday. Thursday and Friday only.	Express Mon. Wed.

Arrive 8 25 Arrive 11 00 2 00 5 00 130 Halifax Steamer " Scudd " leaves St. John ever Monday, Wednesday and Saturday for Annapolis, and returns the same day of arrival of train.

Leave

Arrive

Arrive 11 35 5 0 Leave 6 40 12 00 5 10

P.M.

7 07 12 30 5 31

St. John,

Annapolis,

8 Middleton.

47 Berwick.

59|Kentville,

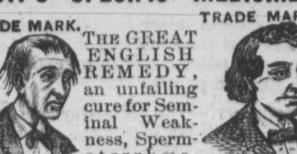
66 Wolfville.

84 Windsor,



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.

MEDICINE. TRADE MARK



Before Taking Impotency, After Taking and all diseases that follow as a sequence of Self-Abuse; as loss of Memory, Universal Lassitude, Pain in the Back, Dimness of Vision, Premature Old Age, and many other Diseases that lead to Insanity or Consumption and a Premature Grave Full particulars in our pamphlet, which we desire to send free by mail to every one. The Specific Medicine is sold by all druggists at \$1 per package, or six

packages for \$5, or will be sent free by mail on receipt of the money by addressing THE GRAY MEDICINE CO., Toronto, Ont. Sold in Halifax by all druggists and

everywhere in Canada and the United States by all wholesale and retail drug-N. B.—The demands of our business

have necessitated our removing to Toron. To, to which place please address all fu-ture communications. March 12, '79.

"CUSTOM TAILORING."

H. G Laurilliard, 119 HOLLIS STREET, HALIFAX, N. S.

Agency for New York Fashions.

THE CHRISTIAN MESSENCER 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, Carde, Handbills, Blank forms, &c., &c., on reasonable terms.

MAGISTRATES BLANKS ALWAYS ON HAND