The Messenger Almanac.

MAY.

Last Quarter, May 1st, 9h. 38m. M.
New Moon, " 9th, 2h. 2m. M.
First Quarter, " 17th, 6h. 10m. M.
Full Moon, " 24th, 2h. 24m. M.
Last Quarter, " 30th, 6h. 39m. A.

D.M.	Day W.	SUN. Rise.	Sets.	MOON. Rises.	South.	Sets.	High Tide at Halifax
1	Sa.	4 54	7 0	1 8	6 5	11 2	A. 21
2	SU.	4 53	7 1	1 36	6 54	A. 12	1 26
3	M..	4 51	7 2	1 59	7 40	1 21	2 41
4	Tu.	4 50	7 4	2 23	8 25	2 27	3 57
5	W..	4 48	7 5	2 46	9 9	3 32	5 2
6	Th.	4 47	7 6	3 8	9 52	4 36	5 58
7	Fr..	4 46	7 7	3 33	10 37	5 41	6 42
8	Sa..	4 44	7 8	4 2	11 22	6 42	7 24
9	SU.	4 43	7 9	4 35	A. 10	7 45	8 0
10	M..	4 42	7 10	5 15	0 59	8 43	8 33
11	Tu.	4 41	7 11	6 2	1 49	9 36	9 8
12	W..	4 39	7 13	6 55	2 39	10 21	9 41
13	Th.	4 38	7 14	7 52	3 28	11 4	10 17
14	Fr..	4 37	7 15	8 52	4 14	11 36	10 52
15	Sa..	4 36	7 17	9 56	5 0	M	11 30
16	SU.	4 35	7 18	11 0	5 45	0 4	M
17	M..	4 34	7 19	A. 5	6 30	0 30	0 16
18	Tu.	4 33	7 20	1 12	7 15	0 55	1 8
19	W.	4 32	7 21	2 22	8 2	1 18	2 11
20	Th.	4 31	7 22	3 35	8 52	1 42	3 22
21	Fr..	4 30	7 23	4 52	9 46	2 9	4 25
22	Sa..	4 29	7 24	6 11	10 44	2 40	5 23
23	Su.	4 28	7 25	7 28	11 46	3 17	6 16
24	M..	4 27	7 26	8 40	M.	4 4	7 6
25	Tu.	4 27	7 27	9 40	0 52	5 4	7 55
26	W..	4 26	7 28	10 28	1 57	6 14	8 45
27	Th.	4 25	7 29	11 8	2 59	7 30	9 34
28	Fr..	4 24	7 30	11 38	3 57	8 46	10 27
29	Sa..	4 24	7 31	M	4 49	10 0	11 19
30	Su.	4 23	7 31	0 2	5 37	11 11	A. 13
31	M..	4 22	7 32	0 27	6 23	A. 19	1 7

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

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.
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

TO INVENTORS AND MECHANICS.

NO PATENT NO PAY.

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

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SOLICITORS OF PATENTS,
Box 31, Washington, D. C.
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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.
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Sales Room 191 HOLLIS STREET,
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Keep the money in the country. ent.
C. E. GATES, Musical Departm,
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Oct. 1.

THE HOUSEHOLD

COCOANUT DROPS. — One pound grated cocoanut, only the white part, one pound white sugar, whites of six eggs beaten to froth; have enough whites to wet the whole stiff; drop on buttered tins, the size of a cent. Bake immediately.

A PRUNE PUDDING.—Two quarts of dry bread crumbs, one large tablespoonful of butter, one small teacup of sugar one egg, one tablespoonful of ground cinnamon. Mix and pour over these one quart boiling milk. Boil one-half pound of prunes in two quarts of water till soft. Skin out the prunes and mix with the pudding, and bake it an hour. Take the juice in which the prunes were boiled for dip, putting in it a small teacup of sugar, some nutmeg, a tablespoonful of butter, and a little thickening. Let it boil.

EXTEMPORE SHADE FOR READING LAMP.—An additional shade can sometimes be used with comfort, and is made in a moment, as follows: Take a half sheet of letter paper, or any somewhat similar piece of stiffish paper; turn down about an inch and a half of one side of it, and emphasize the turn by a scrape with thumb-nail or paper-cutter. Then open the turned strip part way and set the strips under the front edge of the shade of the lamp, between the shade and the frame on which it rests. The rest of the sheet is to stand up in front of the shade. The hold of the bent paper will keep the sheet against the glass shade, and paper agreeably modifies the effect of the light on the eyes, without keeping any of it from the table.

A dish equal to the best steak, and cheap enough for any man, is prepared from a shank of beef with some meat on it. Have the bone well broken; wash carefully to remove bits of bone; cover with cold water; watch when the boiling begins, and take off the scum that rises. Stew five or six hours, till the muscles are dissolved. Break the meat small with a fork (far better than chopping,) put it in a bread-pan, boil down the gravy till in cooling it will turn to a stiff jelly. Where this is done, gelatine is quite superfluous. Add salt and, if liked, other seasoning and pour it hot upon the meat. Stir together and set aside over night, when it will cut into handsome mottled slices for breakfast or supper.

SWEET OMELET.—Mix the yolks of two eggs, a teaspoonful of sugar, and some essence of vanilla in a small bowl. Add a small pinch of salt to the whites of the eggs, and, and whip till stiff. Then lightly mix the whites and yolks and pour quickly into an omelet pan in which half an ounce of butter has been previously melted. Remove the egg from the fire in one minute, and let it dry in the oven five minutes, after which sprinkle it with sugar.

TO REMOVE INK STAINS.—Take of muriate of tin, 2 parts; water, 4 parts. To be applied with a soft brush, after which the paper must be passed through cold water.

Popcorn balls may be easily made at home after the following recipe: For one peck of nicely popped corn, melt one pound of sugar, add half a teacup gum arabic (dissolved), boil until sticky. Pour over corn and make in to balls while warm.

AGRICULTURE.

RAISING FLOWERS FROM SEED.—In raising plants from seeds in boxes in the kitchen window it will be sufficient just to cover the seeds with sand and press it down gently upon them. Keep them moist. As soon as the tiny leaflets appear take off the paper or cotton by which the surface was covered,

Give water sufficient to keep the young plants from wilting, but not enough to make them damp off. When the second leaves are seen, transplant either singly into "thumb-pots" (so-called from their tiny size) or into larger boxes, that will hold a dozen plants.

Verbenas raised from seeds will blossom much fuller than those raised from cuttings. A paper of seed of the rarest varieties will cost not over twenty five cents. and I have seen fifty of the handsomest varieties of verbenas in beautiful bloom that was procured from seeds.

Transplanted singly into "thumb pots," they will soon grow into fine, stocky plants; and as soon as all danger of frost has passed they can be put into the border, where they will bloom all summer, and afford plenty of seed for another year. In many parts of the country they sow themselves as thickly as the portulacca, and if the beds are left untouched until the seedlings are large enough to be taken up plenty of plants are found.

Asters, mignionette, sweet alyssum candytuft, coreopsis, chrysanthemums, feverfews, etc., etc., will also sow themselves in the garden beds if they are left undisturbed until late in the season; and a large supply of flowers can be obtained without any cost and only the labour of transplanting.

The percentage of Sugar obtained from Messrs. E. & S. Smith's Sugar Beets, grown at Windsor, is equal to two tons of Sugar per acre, and this may be increased considerably by improved cultivation. The poorest acre of land in Nova Scotia may readily be made to yield its two tons of Sugar. All Sugar produced will necessarily have to go to the Sugar Refinery to make it fit for market.—*Journal of Agriculture.*

If our Halifax Sugar Refinery can supplement its regular supplies of West India Sugars by the Beet Pulp from our own farms, it may be enabled to compete successfully with the Quebec Factories in supplying the toiling millions of this Dominion with a cheap grade of Sugar. Sugar Beet culture in this Province promises to be one of the most useful adjunets of Sugar Refining.—*Ib.*

VARIETIES.

N. York Hopeful to papa, who had been absent—"Papa, I was run over yesterday." *Papa*—"What! You were not hurt? How did it happen?" *Young H.*—"Oh, I was run over by the elevated railroad." (Papa wonders it his heir won't some day be President.)

The real paper duty: Pay your subscription at once.

Mr. Tennyson has been writing two sets of juvenile verses for an American magazine, something after the same order as the oft-parodied stanzas which he contributed to *Good Woods* several years ago. The first verse of his new poem runs:—

Minnie and Winnie
Slept in a shell.
Sleep, little ladies!
And they slept well.

This has brought to the fore many rival bards, with what result the following, from a promising poem that lies before us, may serve to show:—

Johnny and Billy
Slept in a bed,
When not kicked out
By their brother Fred.

An impertinent busy-body importuned a young lady with the question, "What shall I say to people who ask me if you are going to be married?" "Say the truth," the girl promptly replied. 'Yes, and what is the truth?" continued the questioner eagerly. "That you know nothing about it!" was the conclusive answer.

Little Bessie S., five years old, having been rather sharply reproved by her mother for some misconduct, after a moment's pause says: "I should fink, mamma, from the way you act toward me, you was my step-mover."

A German paper contains an obituary in which occurs the following: "Our dear son Gustay lost his life by falling from the spire of a Lutheran church. Only those who know the height of the steeple can measure the depth of our grief."

Lady Examiner: Tell me what is an average? *Child*: A thing to lay eggs on. Mother says our hens lays six eggs a week on an average.

Before marriage, a girl frequently calls her intended "her treasure; but when he becomes her husband she looks upon him as her "treasurer."

The following is a genuine notice on an Irish church door: "This is to give notice that no person is to be buried in this churchyard but those living in the parish. Those who wish to be buried are desired to apply to me. Ephraim Grub.

Pedagogue: "What is the meaning of the Latin verb *ignosco*?" *Tall Student* (after all the others have failed to give the correct definition): "I don't know." *Pedagogue:* "Right. Go up to the head."

Cornell University is educating a class for the profession of journalism. Some of these boys will live to learn that journalists are born, not made.

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.

All the ingredients composing this FEED are certain health-giving Herbs, Seeds and Roots, which cannot be obtained by animals that are stall-fed. A varied diet is as necessary to the horse or any other animal as it is to man.

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. Discard all bran when using MANHATTAN FEED.

COWS.—At each time of feeding mix at the rate of six pints for every dozen cows, with their usual feed, and in two weeks you will be surprised at the large increase of milk and butter.

BULLOCKS.—Mix same as for Cows.

CALVES AND LAMBS.—at each time o feeding mix half pint of the Feed with the usual quantity of milk or oatmeal for every four animals.

HOGS.—At each time of feeding mix half pint of the Feed with the usual swill or meal for each hog.

POULTRY.—Mix half a pint of the Feed in a peck of their usual food.

☞ A measure holding exact amount of one feed is enclosed in every bag.

PRICES.

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

For Poultry, a specially prepared Feed, put up in 2½ lbs. boxes, 25 cents.

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

GENERAL AGENT FOR THE MARITIME PROVINCES—

GEORGE FRASER,
76 Granville St., Halifax.
March 3.

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, for Purifying the Blood,

Are the most effective and congenial purgative ever discovered. They are mild, but effectual in their operation, moving the bowels surely and without pain. Although gentle in their operation, they are still the most thorough and searching cathartic 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 promote vigorous health.

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 time, 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, and strengthen the system by freeing it from the elements of weakness.

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.

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Dr. J. C. AYER & CO., Lowell, Mass.,
Practical and Analytical Chemists.
SOLD BY ALL DRUGGISTS EVERYWHERE.
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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 Bankrupt stock.

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

$66 a week in your own town. Terms and $5 outfit free. Address H. HALLETT & Co., Portland, Maine.
May 28, '79. 1 yr.*

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.
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 Truro.
At 1.56 p. m.,—Express from Quebec and from St. John.
At 8.30 p. m.—Express from St. John, and Pictou.

Dec. 3, 1879.

WINDSOR & ANNAPOLIS Railway.

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.
		A. M.	A. M.	P. M.
	Halifax.....Leave	7 30	7 30	2 44
45	Windsor.	9 30	10 30	5 45
64	Wolfville.	10 24	11 30	6 53
71	Kentville, Arrive	10 45	12 00	7 15
	Do. Leave	11 00	P.M. 12 30	
83	Berwick.	11 32	1 18	
		P. M.		
102	Middleton.	12 20	2 30	
130	Annapolis. Arrive	1 45	4 20	
	St. John, do	7 30		

Miles.	GOING EAST.	Pass. and Freight Daily.	Pass. and Freight Tuesday, Thursday and Friday only.	Express Mon. Wed. and Saturday only.
		A.M.	A. M.	A.M.
	St. John, Leave			8 00
				P. M.
	Annapolis, Leave		7 30	2 15
28	Middleton.		9 23	3 38
47	Berwick.		10 45	4 27
59	Kentville, Arrive		11 35	5 00
	do Leave	6 40	12 00	5 10
			P.M.	
66	Wolfville.	7 07	12 30	5 31
84	Windsor, Arrive	8 25	2 00	6 30
130	Halifax Arrive	11 00	5 00	8 25

Steamer "Scudd" leaves St. John every Monday, Wednesday and Saturday for Annapolis, and returns the same day on arrival of train.

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

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.

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