The Christian Messenger.

HALIFAX, N. S., JUNE 24, 1874.

ALMANAC FOR JULY.

Last Quarter, July 6th, 1h. 47m afternoon. New Moon, "13th, 0h. 14m. afternoon. First Quarter, "21st, 9h. 18m. morning.

Full Moon, 29th. 0h 28m. morning.		
Day SUN. Wk Rise Se	ts Rises South	Sets at Halitax
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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. At Westport, 2 hours 54 minutes later. At Yarmouth, 2 hours 20 min-

FOR THE LENGTH OF THE DAY .- Add 19 hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT -Sub-tract the time of the sun's setting from 12 hour and to the remainder add the time of rising nat morning.

MRS. AINSLEY'S Arthranodyne Liniment.

This magical pain curer having been in use among private friends for a number of years is now offered to the public as a superlative remedy for

RHEUMATIC PAINS, TOOTH ACHE, NEURALGIA. SPRAINS, &c.

Manufactured by Mrs. Ainsley, Halifax. Lunenburg, August 20th, 1873.

MRS. AINSLEY, DEAR MADAM,-

Having found the efficacy of your very invaluable Liniment in the case of sore throat, which by two applications I was entirely relieved both of the swelling and soarness, I was induced to apply it to the parts affected by a severe attack of Lumbago. After having my back, loin and thigh thoroughly rubbed with the mixture, I was enabled to sleep comfortably and in a few days to walk about the field. would further add for your satisfaction that my friend with whom I board has been entirely re lieved from a pain in his shoulders, which drove him nearly to madness, by freely using the Liniment twice. Also the wife of ore of my neighbours who was suffering dreadfully from an attack of acute rheumatism especially in her joints and legs, told me that she had scarcely applied it to parts affected before she felt immediade relief. I lave reason to be lieve the Arthranodyne Liniment the best now

Your obedient servant, REV. D. S. SHAW. Wholesale Agents-Brown Brothers & Co: Forsythe & Co.: Avery Brown & Co., Halifax.

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Dentistry in all its branches. Artificial teeth mounted on fine Gold Plates. I keep a large

assortment of teeth from the best manufacturers, in every variety of style. Vulcanite Plates made om the best English and Ameri can rubbers My Laboratory is constantly supplied with the most expert workmen that can be procured, and with all modern contrivances in the way of tools, machinery, &c. None but perfect work allowed to leave the establishment.

Persons from Nova Scotia visiting St. John, can have artificial denture supplied with less detention than at any other office. Teeth filled with Pure Gold; also, with all the best composition fillings known.

Dr. R. R. Cunningham, 40 GERMAIN St., St. John, N. B. March 12.

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WE have now on hand a full Stock of all kinds, including the NEWEST STYLE :

to which we invite the attention of our friends, Wholesale and Retail.

May 3.

Our prices are as low as any in the city. Silk Hats made to order by Confermateur Measure, without extra charge. EVERETT BROTHERS.

100 Granville St.,

Agricultural.

STICKING PEAS. - A correspondent of the London Field makes a suggestimes without injuring the haulm."

field of corn is seriously damaged.

sive repairs.

propped by rails-or a stable or barn | square inch. to leak and damage hundreds of dollars worth of provender.

proper name for nine tenths of the ex- exhibited before the Berlin Geograph- Perhaps an excuse may be found in cuses given for bad farming. But by ical Society a photographic apparatus | the following paragraph concerning the the most prolific of the many wastes | designed for the determination of the that are due to laziness is the waste temperature and of the currents at of ignorance. But this waste is in itself so great, and has so many ramifications, that we shall have to defer its discussion for another time. - Dixie (Tenn.) Farmer.

pondent of the Rural Home, referring | tacle in which are admitted traces of to a method of preserving milk by nitrogen gas. A small electric batheating and bottling it, says: "I tery completes the apparatus. When have tried the same experiment with the latter is allowed to descend attachperfect success, sometimes adding a ed to a sounding line, the action of the little sugar, but liking it no better. current on its rudder causes it to as-Have tried the same with sweet cream, sume a parallel direction, thus indicawhich I prefer to milk, as it takes less | ting the set of the flow by the relative room to store away. Cream and milk position of compass, needle, and rudder. so kept should be perfectly pure and The thermometer of course shows the sweet. For cream, I use quart bot- surrounding temperature. In order to tles; for milk, larger ones. I set the fix these indications, a piece of photovessel which contains the milk or graphic paper is suitably disposed near cream into a kettle of boiling water the glass cases containing the instrufor five or ten minutes after the mer- ments. Then at the proper time a cury shows boiling heat in the milk current of electricity is established or cream, stirring often to aid the through the gas in the receptacles, escape of a volatile oil, which injures | causing an intense violet light, capable the keeping of the milk. When sufficiently heated, fill and close the bottles while hot, the same as for fruit.

FEED THE SOIL WELL .- A correspondent of the Vermont Farmer says: The Lord loveth a cheerful giver, and | complete, when the apparatus is hoistso does the soil; and just in proportion to our generosity to it, will it reward us at the harvest-time. Then let us feed it well, give it liberal coats | earth, carbon is both the hardest and of manure, stir it often and mix it fine. I would not buy commercial fertilizers it is the hardest. In the form of gramore plant food wasted in the kitchen | composition. slops in one year than can be bought in a ton of the best commercial fertili-

Agriculture is the most certain source of strength, wealth and independence. Commerce flourishes by circumstances precarious, contingent, transitory, almost as liable to change as the winds sembled his class at the commenceand waves that waft it to our shores. ment of the term, and was reading She may be well termed the younger over the list of names to see that all sister, for, in all emergencies, she were present. It chanced that one of looks to agriculture, both for defence and for supply .- Colton.

All dairy cows, when practicable, should have a respite from yielding milk from two and a half to three months previous to dropping their young. Nature demands this time ling reply. for recuperation and the production of healthy offspring.

The rose crop in the East is reported to have been a large one, and the ladies will be glad to know that attar of roses will not cost more than fifty cents a drop.

Scientific.

A MECHANICAL MARVEL. -Mr. William Webb, of London, has protion as to sticking peas, which is wor- duced a curiosity in miscroscopic thy of trial. He thinks that " to those writing. He has accomplished the who have to procure stakes at a great feat by means of machinery, on glass cost, the following method will prove with the aid of a diamond .- The advantageous, being very cheap, sim- writing consists of the Lord's Prayer, ple, and easily performed. A few which is written upon glass. Within rough stakes should be obtained and a space equal to one two hundred and driven into the ground on each side of ninety-fourth part of an inch in length, the row about twelve feet apart. by one four hundred and fortieth part These stakes should be of a correspon- of an inch in width, a space corresponding height to that of the peas, and ding to the dot over the printed letter when the required number for a line is i. The dot of writing has been eninserted, some tar twine or other strong larged by means of the photograph so cord may be tied to the end stake, and as to occupy a space of about two passed along the line of stakes, making | inches long by one and a half inches a turn on each within a few inches of broad. The photograph brings the the ground, and as growth progresses, words out legibly the number of letters raise the next turn a little higher, ad- being 237. Such is the fineness of vancing in succession, until the plants | the original writing that 20,431,458 attain their full height. These lines letters written the same way would being run on at the right time, the only cover one square inch of glass tendrils of the peas will clasp firmly surface. The whole Bible, including round them and support the places the Old and New Testaments, contains quite equal to the well-known plan of 3,566,480 letters; therefore Mr Webb sticking. Some imagine an advantage | could write the entire contents of more to be obtained in this way of training, than eight Bibles within the space of as the lines get a better circulation of one square inch. Two specimen plates air, and pods can be gathered at all of this miscroscopic writing have been produced for the United States museum, at Washington, at a cost of LAZY FARMERS .- Laziness prevents \$50 each. The Webb machine, howa man from getting off his horse to ever, does not equal in the fineness of lift a pole fallen down from the fence. writing or the perfection it has attainand through his lazy neglect a whole ed, a similar machine, the invention of Mr. Peters, a wealthy banker of Lon-Laziness keeps a man from driving don, -This machine produced writing one nail when one would do, and fin- as long since as 1855, nearly three ally costs a carpenter's bill for exten- times as fine as that of Mr. Webb. It was competent to engrave the en-Laziness allows a gate to get off the tire contents of the Bible, 22 times hinges and lie in the mud, or stand over, within the space of a single

PHOTOGRAPHY AT THE BOTTOM OF Laziness, in short, is the right and THE SEA .- Dr. Neumayer has recently that they were particularly stupid. great depths in the ocean.

The invention is composed of a copper box, hermetically sealed and made like a rudder. In the interior is a mercury thermometer and a com-BOTTLING MILK .- A lady corres- pass, each enclosed in a glass recepof acting chemically upon the paper for a sufficient length of time to allow of the photography thereon of the shadows of the compass needle and of the mercury column. Within three minutes, it is said, the operation is ed and the paper removed.

Of all solid substances upon the the softest. In the form of diamond, until I had used up all that is made phite, it is the softest. Both diamond Mahone B.y-Joseph Ham around our own buildings. There is and graphite are the same in chemical Margaree, C. B.—Lachlen McDonald.

> Granite and macadam are to be banished from the city of London, the Streets Committee having determined to lay down in future nothing but asphalt or wood.

A certain college Professor had asthe number was unknown to the Professor, he having but just entered the

"What is your name, sir?" asked the Professor, looking through his spectacles.

"You are a brick," was the start-

"Sir," said the Professor, half Do., starting out of his chair at the supposed impertinence, but not quite sure that he had understood him correctly : "Sir, I did not understand your

answer." "You are a brick," was again the West River—Rev. John Shaw.
West River—Rev. Malcom Ross.
East Point, P. E. 1.—Wm. M. McVane. composed reply.

"This is intolerable," said the Professor, his face reddening. "Beware, young man, how you attempt to insult

" Insult you !" said the student, in turn astonished. " How have I done

"Did you not say I was a brick?" returned the Professor, with stifled indignation.

" No, sir, you asked me my name, and I answered your question. My name is U. R. A. Brick-Uriah Reynolds Anderson Brick."

"Ah, indeed!" murmured the Professor, sinking back into his seat in confusion, " it was a misconception on my part. Will you commence the lesson, Mr. - ahem - Brick ?"

APPLE BREAD .- Weigh one pound of fresh, juicy apples; peel, core and stew them to a pulp, being careful to use a porcelain kettle or a stone jar inside a kettle of boiling water; mix the pulp with two pounds of the best flour; put in the same quantity of yeast you would use for common bread, and as much water as will make it a fine, smooth dough; put it into a pan and place it in a warm place to rise, and let it remain for twelve hours at least. Form it into long shaped loaves, and bake in a quick

CHEAP PUDDING .- Put in a tin pail 2 quarts of skimmed milk and set in a kettle of boiling water; when very hot, stir into it 1 pint of meal, take from the fire and add one teacup of molasses, 1 teaspoonful salt and 1 of cinnamon; bake in a buttered cake-pan; use cream sauce, flavored with nutmeg. -Rural New Yorker.

Some of our readers may have found mistakes in our columns and thought Loudon Times :-

A curious misprint appeared in the Times. After stating, in the parliamentary report that various votes were agreed to, it says-The chairman was furnished with an exterior appendix | then ordered to " repe at prayers." It should have been "report progress."

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