

The Messenger Almanac.

July. Full Moon, July 6th, 11h. 23m. morning. Last Quarter, " 14th, 9h. 41m. " New Moon, " 21st, 0h. 38m. " First Quarter, " 27th, 11h. 4m. afternoon.

Table with columns: Day, SUN. Rise, Sets, MOON. Rise, Sets, High Tide at Halifax. Rows for days of the month from 1st to 31st.

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 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.

BETCHER'S PICTORAL MIXTURES FOR COUGHS, COLDS, WHOOPING COUGH, ASTHMA, &c. This article has been known to give immediate relief in Chronic Coughs when other Syrups have utterly failed...

CERTIFICATE. HALIFAX, March 10th, 1873. W. BETCHER, Esq. DEAR SIR.—Having used a half dozen bottles of your valued Pectoral Mixture I find myself greatly relieved from a chronic cough, and pulmonary weakness which had been preying upon my system for ever a year, and would recommend it to all who are suffering from like complaints.

St. JOHN, N. B., April 16th, 1874. This is to certify that I was attacked with a very severe cold combined with the Asthma very bad, so that I could not lie down or hardly breathe. One bottle of the cough medicine prepared by J. W. BETCHER, Esq., of Halifax, N. S., relieved me, and five bottles completely cured me so I have not been troubled with the Asthma since, and I believe it to be the best medicine for Coughs, Colds, Asthma, &c., that there is made.

CONSUMPTION CURED. To the Editor of "Christian Messenger." ESTEEMED FRIEND:—Will you please inform your readers that I have a positive CURE FOR CONSUMPTION and all disorders of the Throat and Lungs, and that by its use in my practice, I have cured hundreds of cases, and will give \$1,000.00 for a case it will not benefit. Indeed so strong is my faith, I will send a SAMPLE, FREE, to any sufferer addressing me.

Agents Wanted. Gents or Ladies, \$5 to \$10 a day guaranteed. Full particulars sent free. Write immediately, to DR. J. BALL & CO., (P. O. Box 957, No. 61 Liberty St., New York City, N. Y. Nov. 25.

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SCIENCE.

WOODEN PAVEMENTS.—After a sufficient comparative trial, the contest between granite, asphalt, and wood for carriage ways has been decided in favor of the last, and the recent conclusion of the corporation of London may be regarded as final confirmation of that decision. Mr. Heywood, engineer for the city, has shown that before a horse falls he may be expected to travel on granite 132 miles, on asphalt 191 miles, and on wood 446 miles; and although between the two last materials there is a trifling advantage in the cost on the side of asphalt, that is much more than counterbalanced in other ways.

SUPERIOR LONGEVITY OF ISRAELITES.—Dr. B. W. Richardson, of London, last month delivered a lecture on this subject. The result of his research has shown that, both on the Continent and in England, Jews possess a higher vitality than do the general community by whom they are surrounded. Tracing the causes for this greater longevity, the lecturer said he could not attach too much importance to the sanitary laws that obtained among the Jews, instancing those in regard to diet, cleanliness, abstinence from strong drink. In fact, the Decalogue, from beginning to end, is one sanitary lesson, teaching them to subdue the passions which torment the brain and distress the body.

CLEANING SILK.—The following mode of cleaning silk garments has been successfully tested. The garment must first be ripped and dusted. Have a large flat board; over it spread an old sheet. Take half a cup of ox gall, half a pint of tepid soft water. Sponge the silk with this on both sides, especially the soiled spots. Having finished sponging, roll it on a round stick like a broom handle, being careful not to have any wrinkles. Silk thus washed, and thoroughly dried, needs no ironing and has a luster like new silk. Not only silk but merino, barege, or any woolen goods, may be thus treated with the best results.

OLD HOUSE PLASTER.—In tearing down old buildings or scraping plaster off the ceilings, for improvements, a large mass of stuff is furnished that may be of great benefit to gardeners and farmers, if they will haul it home and put it on to their land. There is no other form of lime which they can get that will be so valuable, in proportion to its cost, as old house-plaster; and when their teams are in town, it will pay the farmers richly to haul the old plaster home and put it on their garden patches; and in no application will it give a better return than when put around the fruit trees and berry-bushes.—Maryland Farmer.

FOR FUMIGATING ROOMS there is nothing so efficacious as simple burnt coffee. Grind the roasted berries moderately fine, moisten the powder slightly, and throw 1 oz. or so on a pan of hot coals. The odor seems to remain in a room even when the windows are opened.

A piece of wood cut from a tree is a good electrical conductor. Let it be heated and dried, it becomes an insulator. Let it be baked to charcoal, it becomes a conductor again. Burn it to ashes, and it becomes an insulator once more.

Ice Cream.—Take three pints of milk, four eggs, well beaten, three-fourths pound of sugar, and one tablespoonful corn starch; mix in three-quart tin pail; boil in a kettle of water till quite thick; add one pint sweet cream, and flavor to taste. Freeze in a common water-pail or any vessel of suitable size, with equal parts of ice chopped fine, and coarse salt. Rotate the pail and stir frequently.

A French chemist has discovered the elixir of life in sour buttermilk, the lactic acid which "dissolves the products of organic combustion, which, as ossifying and calcareous degenerations, are the main agents in the death of the aged."

To remove grease stains from silk hats, use first turpentine and then alcohol.

AGRICULTURE.

BEETS FOR COWS.—Last year I raised a lot of mangolds and carrots. The mangolds were gathered first and put in the cellar; afterward the carrots were gathered and corded up on top of them, so that when I began to feed them to my cow the carrots came first. The cow gave about her usual quantity of milk, excepting the usual shrinkage on the accession of cold weather and being put upon dry fooder. Fearing that the beets would not keep as well as the carrots, and also thinking that they possessed better milk-producing qualities, I was anxious to get at them. Accordingly I removed part of the carrots and commenced feeding beets, when, to my surprise, my cow began to fail of her milk until the deficiency reached about one-third. Wishing to test the matter still further, I changed back again to carrots, when her milk increased to about the usual standard. The quantity fed were about the same in either case—about a half bushel basket three-quarters full. It there was any difference it was in favor of the beets.—Cor. Rural New Yorker.

HORSE THROWING UP HIS HEAD.—Examine the mouth closely, and I think you will find a carious tooth, or some disease of the teeth. If you find a diseased tooth, you will follow precisely the same rules as you would were the case your own. The diseased tooth should be properly extracted. Another cause of this head shaking is pointed teeth, (not a disease); examine the edges of the grinders, and if you find sharp points on them, you require a tooth rasp and a proper person to use it. Examine also the cheeks, and if the teeth are lacerated, hence the throwing up the head, and I have known many horses act as if crazy on account of pointed teeth, in all of which cases the rasp was the remedy.—Country Gentleman.

A GOOD FEED FOR HORSES.—The California Farmer says: A favorite and rather a new kind of mash for horses is coming into use, composed of two quarts of oats, one of bran, and half a pint of flaxseed. The oats are first placed in the stable-bucket, over which is placed the linseed; add boiling water, then the bran covering the mixture with an old rug, and allowing it to thus rest for four or five hours, then stir the mass well up. The bran absorbs, while retaining the vapor, and the linseed binds the oats and bran together. A greater quantity of flaxseed would make the preparation too oily and less relished. One feed per day is sufficient; it is easily digestible, and is specially adapted to young animals, adding to their volume rather than to their height—giving substance to the frame.

PROPAGATION AND MANAGEMENT OF HOUSE PLANTS.—Cuttings will root best in clean sand. Take a shallow box and fill it with sand about two inches deep, levelling it smoothly and evenly. Moisten it with water and insert the cuttings in rows two inches apart. They can be an inch or less apart. Cut them so as to include two joints in each one. Only the young shoots or new growth can be rooted with certainty, and they will make stronger and more vigorous plants. It is waste of labour to attempt growing new plants from old and fibrous wood. The sand should be kept well saturated with water and in a warm temperature. Some plants root much more quickly and freely than others. Those of a rapid and succulent growth will generally form strong roots in two or three weeks. Others, such as carnations, heliotropes, roses, azalias, etc., require considerably longer time. When rooted put them in two-inch pots in good soil, and if started in February or March many of them will blossom early in the summer. If desired for winter flowering, shift to larger pots as required, and sink them in the ground so that they can be taken up in the fall without injury. To all who want to cultivate flowers, for the house or garden, I would say have a propagating box and make use of it. It will yield you instruction, pleasure, and profit. Since the first of January last I have grown in a little box, two feet long by one and a half wide, a large variety of fine healthy plants which would cost at a greenhouse to-day not less than \$50.—New York Times.

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DECALCOMANIE, OR TRANSFER PICTURES, with book of 24 pp., giving full instructions in this new and beautiful art, sent post-paid for 10 cts., 100 ass'd pictures, 50 cts. They are Heads, Landscapes, Animals, Birds, Insects, Flowers, Autumn Leaves, Comic Figures, &c. They can be easily transferred to any article so as to imitate the most beautiful painting. Also 5 beautiful GEM CHROMOS for 10 cts.; 50 cts. Agents wanted. Address J. L. PATTEN & CO., 162 William Street, New York. Jan. 12. 6m.

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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 BALSAM IS THE GREAT MODERN REMEDY

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. It is WARRANTED to be perfectly harmless to the most delicate child, although it is an active and powerful remedy for restoring the system. There is no real necessity for so many deaths by Consumption, when Allen's Lung Balsam will prevent it, if only taken in time. PRICE \$1 PER BOTTLE. SOLD BY ALL DRUGGISTS. April 22.



Superior Pianos, IN VARIOUS STYLES. UPRIGHT, OBLIQUE, SQUARE, ETC. With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate. An assortment of THE "SILVER TONGUE." A very fine toned CABINET ORGAN, by Carhart and Needham, N. Y. The above are offered to a discriminating public at moderate prices. W. M. FRASER & SONS, June 1. 70 & 72 Barrington St.

VEGETABLE PULMONARY BALSAM. THIS standard remedy for coughs and colds and other pulmonary and bronchial ailments, was first put before the public in 1826 and ever since then, a period of half a century it has maintained and increased its reputation.

THIS standard remedy for coughs and colds and other pulmonary and bronchial ailments, was first put before the public in 1826 and ever since then, a period of half a century it has maintained and increased its reputation. In the meantime, probably thousands of so-called cough remedies, under every conceivable name, have appeared, been puffed, had their day, and most of them sank into the oblivion from which they never should have emerged to cheat invalids with false hopes of cure. Though no infallible virtues are claimed for this medicine it is but just to say that it possesses the following excellencies:— 1. On many cases of cough it exerts an almost specific remedial influence, and the cases are very few which it quite fails to benefit. Long standing cases and those of aged persons are almost always greatly relieved. 2. Its action is speedy and pleasant; its taste is not disagreeable; and its dose is small. The last point is sure to be appreciated by the invalid. 3. It has received medical sanction, and has been frequently prescribed by some of our leading physicians. Add to the above that, when the smallness of its dose is considered, it is even cheaper than the common 25 cent Cough Drops and Syrups, of the Druggists. This remedy has held its way and attained its present reputation by its own merit, with little aid from advertising. It has an established sale, and those who know it will always use it when they need such aid. But while our climate remains what it is, the army of sufferers from throat and lung complaints will always be a large one, and continually reinforced by new recruits. That all such may be acquainted with this reliable medicine is the aim of this advertisement. Price 50 cents and \$1.00 per bottle. CUTLER BROTHERS & CO., Proprietors, Boston. AVERY, BROWN & CO., Agents, Halifax. March 15. 3m.

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DIAMOND RHEUMATIC CURE. Effectually curing hundreds of our Nova Scotia citizens from that terrible malady RHEUMATISM. This statement is substantially a FACT based upon evidence in the possession of the agent, in the shape of numerous testimonials from past sufferers, in the walks of life, and particularly from some of our most respectable and trustworthy families. DIAMOND RHEUMATIC CURE. In its history, this invaluable Medicine occupies the most honorable position possible for any remedy to attain. A few years since it was known only to the friends and neighbors and patients of the proprietors, and always sought for by them whenever troubled with Rheumatism, and in this way came to the notice of physicians generally, and through their favorable expression, and its acknowledged value as a Rheumatic Remedy, the demand for it became so frequent and urgent as to oblige its proprietors to increase their facilities for its manufacture. Its reputation rapidly extended, and soon orders, letters of enquiry, letters of thanks, and certificates of praise were daily received from all sections of the United States and Canada; and in this way on a basis of its merit alone—unaided by "tricks of the trade" or special efforts—it has risen to its present enviable position. Wherever introduced it has received the most flattering preference in the treatment of all rheumatic complaints. In this we are really grateful and happy not alone because our medicine finds ready sale, and is consequently profitable to us, so we say this, but because we open a new field in medical science, and cure at once what the best medical practitioners have for ages found so difficult even to relieve. We fill a place heretofore unoccupied. We relieve the suffering and minister to God's poor; we restore the laboring to the use of his injured limbs, and save him scores of times its cost in doctor's bills; we carry contentment and gladness into the home of the afflicted, and consequently are remembered by millions of grateful souls. The proprietor of this medicine has walked the aisles of the Hospitals of London, Eng., for the past twenty years, making rheumatism a speciality, and the prescription from which this remedy is all he ever used in the treatment of this disease. This medicine is for sale at all the druggists throughout Canada. If it happens that your druggist has not got it in stock, ask him to send for it. FORSYTH & CO., Halifax. General Agent for N. S., and C. B. Oct. 25.

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Dear Brethren In presenting the necessity of the basis of Some may our Churches The Holy ers together pleasure. "Re labor of love to be ashamed faith, &c." The exam "My meat is work." "My the works of evening of thou gavest tian a work With this can catch gl written of idlers, of wi ask, "Why It is a fac or nothing Not that of of the inact it will of its in their Ma How mar awakenings faithful few of duty, the What rea months of times, shoul Why are the past, fr Is it no influenced necessity of ciple, not f Brethren slothfulness out of ten Does no tian duty, strong in t Are pas the Lord, anything l these und ured by y confidence Is it by m assurance sacredness being mad Does th toils of ye men in t consult m surely the necessity making of worthy of We are given by doing goo ciple. A us as wor denying c age to bl men of fi Throne o strength say, "W the caus ing effor were wil the fir of the wo many of surer fou Faith would he in his M workers make his by faith imposib always f