

The Christian Messenger.

HALIFAX, N. S., DECEMBER 30, 1874. ALMANAC FOR JANUARY.

New Moon, Jan. 7th, 6h. 54m. afternoon. First Quarter, " 14th, 5h. 8m. afternoon. Full Moon, " 21st, 1h. 25m. afternoon. Last Quarter, " 28th, 8h. 19m. morning.

Table with columns for Day, SUN., MOON., and High Tide. Rows list days of the month with corresponding times and tide information.

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parnsboro', 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 24 hours, and to the remainder add the time of rising next morning.

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CERTIFICATES. This article has been known to give immediate relief in Chronic Coughs when other Syrups have utterly failed, and for temporary coughs and colds it is invaluable, for which assertions abundant testimony can be produced.

J. W. BETCHER, No. 27 CORNWALLIS STREET, HALIFAX, N. S. HALIFAX, March 10th, 1873. 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 over a year, and would recommend it to all who are suffering from like complaints.

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, no strong is my faith, I will send a Sample, free, to any sufferer addressing me.

DR. T. P. BURT, Williams Street, New York. Aug. 25 ins.

Agricultural.

ALKALI FOR AN OLD APPLE TREE.—In considering the growth of organisms, the action of the alkalies is to be looked upon as scarcely less important than of air and water. Lime is the great animal alkali, and potash the vegetable one; its old name of vegetable kali expressed that fact, and all the potash of commerce is well known to be derived from wood ashes.

Liebig long since pointed out that the chief cause of barrenness is the waste of potash carried off by rich crops, especially tobacco, with no replacement by proper manure. How many millions of pounds of potash have been sent to Europe from the forests of America, and in the grain, tobacco and hemp!

Some twenty-five years ago, we treated an old hollow pippin apple tree as follows:—The hollow, to the height of eight feet, was filled and rammed with a compost of wood ashes, garden mold, and a little waste lime(carbonate). The filling was securely fastened in by boards. The next year the crop of sound fruit was sixteen bushels from an old shell of a tree that had borne nothing of any account for some time.

ABSURDITIES.—Frosted grass does not tend to dry up cows. Apples in moderate quantities have no such tendency, but on the contrary may be fed to advantage—especially sweet apples. Potatoes are said to dry up cows also—nothing is more absurd, for they are an eminently milk producing food—and when small potatoes are not boiled and fed to pigs, the cows ought to have them.

Waste not—neither time, money, nor talent. RECIPES. Eggs a la Bonne Femme.—Slice an onion, fry it in butter to a light brown, add a teaspoonful of vinegar; butter a dish, spread the onion and vinegar; break the eggs into it, and then put the dish into the oven; when the eggs are done, strew fried bread crumbs over them, and serve very hot.

Ham toast.—Chop cold boiled ham; add milk to soften a sufficient quantity of toast; add butter, and season to taste. After dipping the toast, and just before dishing, stir in two or more eggs. As soon as it begins to thicken pour over the toast.

CHILI SAUCE.—Chop four peppers, two onions, twelve large ripe tomatoes skinned. Add four cups of white vinegar, two tablespoonfuls of sugar, and one of salt. Boil hard one hour, and bottle in wide-mouthed bottles when cool. This will keep all the year.

Scientific.

SLEEPING IN A COLD ROOM.—Hall's Journal of Health says that cold bed-chambers always imperil health, and invite fatal disease. Robust persons may safely sleep in a temperature of forty degrees or under, but the old, the infant, and the frail, should never sleep in a room where the atmosphere is much under fifty degrees Fahrenheit.

All know the danger of going direct into the cold from a very warm room. Very few rooms, churches, theatres and the like are ever warmer than seventy degrees. If it is freezing out of doors it is thirty-two degrees—the difference being forty degrees more. Persons will be chilled by such a change in ten minutes, although they may be actively walking. But to lie still in bed, nothing to promote the circulation, and breathe for hours the atmosphere of forty, or even fifty degrees, when the lungs are always ninety-eight, is too great a change.

THE DIAMOND DRILL.—The diamond drill is now extensively used in preliminary mining, to ascertain the exact location and thickness of ore or coal at given points. It is not uncommon to bore into the sides of hills or mountains for hundreds of feet with a 2 1/2 inch diamond drill of tubular form.

HOW THE LITTLE BIRD WENT TO SEA. Two little birds sat in a nest. All on a summer's day. Said one "I think it's far too warm, You'd better fly away. Away, away, away, You'd better fly away!"

Now, sailors of a tender ship Are always very kind; They said, "You little bird, stay there So be't you have a mind. A mind, a mind, a mind, So be't you have a mind."

Good-bye, good-bye, my faithless friend! Then sang he loud and long; And folded both his little wings— The ship sailed on and on. And on, and on, and on, The ship sailed on and on.

And that it might sail yet, Nobody can deny; The sailors singing with the bird: "My faithless friend, good-bye; Good-bye, good-bye, good-bye, My faithless friend, good-bye!" —St. Nicholas.

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