

The Messenger Almanac.

Table with columns for Day, SUN., MOON., High Tide, and Low Tide. Rows list days from 1st to 31st with corresponding astronomical data.

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, New Brunswick, 20 minutes earlier.

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 PECTORAL MIXTURE FOR COUGHS, COLDS, WHOOPING COUGH, ASTHMA, &c.

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CERTIFICATES. HALIFAX, March 10th, 1873. J. 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.

COAL FOR SWINE.—Judge Caton, of Illinois, a noted hog-raiser, says in the Prairie Farmer: I have for many years been in the habit of feeding my hogs with an abundance of our common bituminous coal, preferring the poorest, or that which contains a large amount of sulphur and iron, and I think with the happiest results.

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Nov. 25.

AGRICULTURE.

We copy the following from the Canada Farmer. It is contrary to the view generally held, and we must leave our readers to judge how far the statements are correct:—

THE APPLE STORE.—The surest way to mismanage the apple-store is to pick out the decaying apples. The fact is not generally known, so this note may prove extensively useful. It seems so natural to get rid of rotten apples that I cannot feel surprised if some should doubt my word; but where apples are stored in-bulk the decaying fruit should be left untouched until those it is in contact with are required, when of course necessity makes an end to the matter.

FROZEN PLANTS.—One of the best things to do when plants have become frozen, either in the dwelling, conservatory, or open air, is to sprinkle the foliage with cold, cistern or well water as the temperature turns to rise.

QUICKENING THE GERMINATION OF SEEDS.—The seeds of Raphanus sativus exposed to the action of pure water, began to germinate after an average interval of eight days; similar seeds kept moist with iodine water, germinated in five days; with bromine water, in three, with chlorine water in two days.

COAL FOR SWINE.—Judge Caton, of Illinois, a noted hog-raiser, says in the Prairie Farmer: I have for many years been in the habit of feeding my hogs with an abundance of our common bituminous coal, preferring the poorest, or that which contains a large amount of sulphur and iron, and I think with the happiest results.

SCIENCE.

WOODEN BREAD.—The fibre of wood, commonly termed by chemists lignine, containing as it does the principles including the majority of vegetable substances, has at times been utilized for food. By skillful manipulation, a tolerably good loaf of bread has been made by Prof. Anterith, of Tubingen, from a deal board. The operation is described as follows.—Everything that was soluble in water was removed by prolonged maceration and boiling; resinous matter was extracted by alcohol; and the wood was then reduced to fibre, dried in an oven, and the ground as corn, when it had the smell and taste of corn flour.

NEW WOODEN VESSELS.—A new keg, churn, bucket, or other wooden vessel will generally communicate a disagreeable taste to anything that is put into it. To prevent this inconvenience scald the vessel well with boiling water, letting the water remain in it until cold; then dissolve some pearl-soda in lukewarm water, adding a little lime to it.

TO PREVENT CARRIAGES FROM RATTLING.—Washers of sole-leather on the spindles of axletrees will stop the clatter caused by too much "play." A piece of rubber put in between the thill iron and chip will silence matters still more. Where nuts work loose cut a nick on the thread of the bolt in front of the nut, after screwing them up tight with a cold chisel.

DOMESTIC ECONOMY.

BREAD IN WINTER.—If we could make as good bread, and make it as easily, in the winter as in summer, it would rob that gloomy season of one of its annoyances. For keeping yeast and bread warm enough while rising, have a hanging shelf over the cook stove in the kitchen. If we could prepare the yeast and make and bake the bread in a room of even temperature, as they do at bakeries, we would succeed as well in getting good bread in the winter as in summer.

MARbled CAKE.—Light part—One and a half cups of white sugar, half a cup of butter, one cup of sweet milk, half a teaspoonful of soda, one of cream-of-tartar, two and a half cups of flour; beat and mix as gold cake. Dark part—One cup of brown sugar, half a cup of molasses, half a cup of butter, one cup sweet milk, half a teaspoonful soda, one of cream tartar, two and a half cups of flour, yolks of four eggs, cloves, allspice, cinnamon, and nutmeg salt.

EVERY-DAY FRUIT CAKE.—Five eggs two cups of sugar, one cup molasses, three cups currants well rubbed in flour, two cups stoned raisins, nutmeg, cinnamon, salt, one cup milk, flour to thicken (not too stiff), half a teaspoonful soda, one of cream tartar. Butter your tins well, and bake in a moderate oven.

CHICKEN CELERY.—Boil two chickens; when cold, take the meat from the bones, chop it fine with yolks of nine eggs boiled hard, two heads of celery, chopped; add sweet oil, mustard, cayenne, a little salt; mix it well together.

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1876-WINTER ARRANGEMENT-1876.

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DAY EXPRESS TRAINS Will leave Halifax for St. John, at 8.00 a. m., and St. John for Halifax at 8.00 a. m.

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MIXED TRAINS will leave Halifax for Truro and Pictou, at 11.45 a. m., and 1 p. m., and Pictou for Truro and Halifax at 6.30 a. m., Truro for Painssee and Moncton at 7.00 a. m., and Moncton for Painssee and Truro at 7.20 a. m., Point du Chene for St. John at 6.45 a. m., and St. John for Point du Chene at 10.00 a. m.

ACCOMMODATION TRAINS will leave Moncton for Miramichi, Campbellton and Way Stations, at 12.15 p. m., and Campbellton for Moncton at 6.20 a. m., connecting with Trains to and from Halifax and St. John.

For particulars and connections see small Time Tables.

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