

The Messenger Almanac.

DECEMBER. First Quarter, Dec. 1st, 0h. 23m. A. Full Moon, " 9th, 3h. 35m. A. Last Quarter, " 16th, 10h. 48m. A. New Moon, " 23rd, 5h. 10m. A. First Quarter, " 31st, 9h. 43m. M.

Table with columns for Day, Rise, Sets, Moon, High Tide, and M. containing astronomical data for December.

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parrsboro, Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

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.

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SCIENCE.

HOW MUCH IS ONE HORSE POWER.—This question is frequently asked. What is understood by a horse power, and why came that way of reckoning to be adopted and brought into general use? Before the power of steam was generally known and applied to mechanical purposes, horses were used to raise coal and other heavy bodies.

MR. FOWLER CROSSING THE CHANNEL.—A curious project was recently carried out by Mr. Fowler, an American residing in Bordeaux. He crossed the Channel on a podoscaph, 6 meters in length. Each tube of this podoscaph which is joined by rods, is 20 centimeters broad, and 30 centimeters high above the water.

LAMPBLACK.—One of the largest establishments for the manufacture of lampblack is at Petrolia, Pa. The method of production is remarkable. The flames of several thousands of gas jets are made to impinge against sheets of slate, on which the smoke or fine carbon is deposited, just as a piece of glass is smoked when held over a candle flame.

East Liverpool, Ohio, is warmed and lighted by its natural gas wells, one of which has been running for 20 years and sends out as strong a stream as ever. The gas gives out flames that rival the electric light in brilliancy, and it costs so little that the lamps in the city streets are kept burning day and night.

Among the novelties of the Paris Exhibition is a drill which bores square holes—an invention of a Londoner.

VARIETIES.

A little Cincinnati girl, when asked what God had made her for, replied, "To wear a red feller in my hat." Many an older person of her sex has, to all appearances, pretty much the same conception of heaven's designs.

Jerrold once went to a party at which Mr. Pepper had assembled his friends and said to his host on entering the room: "Mr. Pepper how glad you must be to see your friends mustered."

The argumentum ad—"Sam, you are not honest. Why do you put all the good peaches on the top of the measure and the little ones below?" "Same reason, sah, dat makes de front of your house all marble, and de back gate chiefly sloop bar'l ash."

An old Highland clergyman, who had received several calls, asked his servant where he should go. The servant said: "Go where there is most sin, sir." The preacher concluded that was good advice, and went where there was most money.

"What is the best remedy," asked a preacher of a shrewd observer, "for an inattentive audience?" "Give them something to attend to," was the significant reply "Hungry sheep will look up to the rack if there is any hay in it."

THE HOUSEHOLD.

An oiled floor for the kitchen is better than one finished in any other way. As to catching the dust, it does so no more than any other floor, and shows it no more than a dark painted floor. A good sweeping removes it, or even a good mopping, which brightens it as though it were varnished, and is much easier and cheaper than scrubbing grease spots, or being torn up every year or two for painting.

TO MEND CHINA.—Mix a little lime with the white of an egg; to use it make a sufficient quantity of the egg to mend one article at a time; shave off a quantity of the lime, and mix thoroughly; apply quickly to the edge and place firmly together, when it soon sets and becomes strong.

BREADED EGGS.—Take one pint of bread crumbs and soak in one pint of milk. Beat eight eggs very light, and stir with the soaked crumbs, beating five minutes. Have ready a saucepan in which are two tablespoons of butter thoroughly hot, but not scorching; pour in the mixture, and with pepper and salt, as the mass is opened and stirred with the "scrambling," which should be done quietly with the point of a knife for three minutes, or until thoroughly hot.

POTATO CAKES.—Take potatoes—mashed ones are best, but boiled ones can be mashed—immediately after dinner, before getting too cold; add about an equal amount of flour and a small piece of butter or lard; rub thoroughly together, roll out and cut as for biscuit—not too thick—and bake in a rather quick oven. When done to a light brown, cut open, butter and eat warm. They are delicious.

BROWN BETTY.—Put a layer of sweetened apple sauce in a buttered dish, and add a few lumps of butter, then a layer of cracker crumbs sprinkled with a little cinnamon, then layer of sauce, etc., making the last a layer of crumbs; bake in oven, and eat hot with cold, sweetened cream.

CORN STARCH PUFFS.—Four large eggs beaten separately, half cup butter, one cup powdered sugar, one cup corn starch, into which two heaping teaspoons baking powder has been mixed.

CORN MEAL CUSTARD.—One-fourth pound corn meal, one pint milk, boil together fifteen minutes, add one-fourth pound butter, six eggs, rose-water, salt, and sugar to taste.—The Housekeeper.

A cheap pork barrel may be made from a coal-oil barrel. Knock one head in, take a bunch of old hay, set fire to it, and throw into the barrel; let it burn until the staves commence to turn, put it out by turning the barrel upside down, scrape the coals off, and you have a good, sweet barrel.

If those interested in blacking stoves will try greasing them with fresh grease before blacking, they will find that it prevents them from rusting. Add a pinch of brown sugar to blacking just before applying. This causes it to stick, and it polishes much easier, and with half the usual rubbing.

TO PRESERVE EGGS.—A pound of lime and one pint of salt to three gallons of water. Put all eggs not wanted for daily use into this brine, and they will keep all the year round, and the whites froth almost as well as fresh eggs.

Cabbage, when cooked by boiling, should be boiled in two waters. This destroys the "essential oil" which is unwholesome.

Cayenne pepper, sprinkled around the shelves and other places where ants congregate, will drive them away.

Old boot-tops, cut into pieces the right size and lined, make excellent iron-holders. The leather keeps all heat away from the hand.

When about to poach eggs, grease the vessel before putting in water, and they will not stick.

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Winter Arrangement, Commencing 7th Nov., 1878.

Table with columns for Station, Direction, Time, and Express daily. Includes stations like Windsor, Kentville, Wilmot, Annapolis, and St. John.

Express Trains every Monday, Wednesday and Saturday, connect at Annapolis with Steamer for St. John.

INTERCOLONIAL RAILWAY.

Summer Arrangement, 1878

TRAINS leave Halifax.—At 8.50 a. m. (Express) for St. John. At 6.10 p. m., (Express) for Riviere du Loup. At 8.50 a. m., and 4.40 p. m., for Pictou. WILL ARRIVE: At 10.40 a. m., (Express) from Riviere du Loup. At 8 p. m., (Express) from St. John. At 9.15 a. m., (Accommodation) from Truro. At 3 p. m., (Express) from Pictou. April 25.

WESTERN COUNTIES RAILWAY.

1878--Summer Arrangement--1878

TRAINS LEAVE HALIFAX 7.30 a. m.—(Express daily) for Windsor and Annapolis. 8.00 a. m.—(Passengers and Freight) Mondays, Wednesdays and Fridays for Windsor and Annapolis. 3.10 p. m.—Accommodation for Windsor daily, and for Kentville, Tuesdays, Thursdays & Saturdays. WILL ARRIVE: 10.10 a. m.—Accommodation from Windsor daily; and from Kentville Mondays, Wednesdays and Fridays. 5.10 p. m.—(Passengers and Freight), Tuesdays, Thursdays & Saturdays from Annapolis and Windsor. 8.30 p. m.—(Express daily) from Annapolis and Windsor. Through tickets at the following fares can be obtained at the North Street Depot, Halifax: St. John 1st class \$5.00, 2nd class \$3.50, return \$7.50. June 5.

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