The Messenger Almanac.

MARCH.
Last Quarter, March 3rd, 6h. 52m. A. New Moon, "10th, 8h. 33m. A. First Quarter, "18th, 8h. 22m. A. Full Moon, "26th, 9h. 9m. M.
Day SUN. MOON. High Tide W. Rise. Sets. Rises. South. Sets. at Halifax
1 M 6 41 5 44 M 3 29 8 14 10 24 2 Tu. 6 40 5 45 0 3 4 28 8 53 11 2 3 W. 6 38 5 46 1 11 5 26 9 41 11 41 4 Th. 6 36 5 48 2 16 6 27 10 38 A. 31 5 Fr 6 34 5 49 3 13 7 28 11 43 1 33 6 Sa 6 32 5 50 3 56 8 25 A. 54 3 2 7 SU. 6 31 5 52 4 35 9 21 2 7 4 39 8 M. 6 29 5 53 5 4 10 12 3 20 6 0 9 Tu. 6 27 5 54 5 27 10 59 4 31 6 57 10 W. 6 25 5 56 5 50 11 46 5 42 7 42 11 Th. 6 23 5 57 6 14 A. 31 6 48 8 19 12 Fr. 6 22 5 58 6 37 1 15 7 53 8 52 13 Sa. 6 20 5 59 7 0 2 0 9 0 9 25 14 SU. 6 18 6 1 7 28 2 46 10 4 9 57 15 M. 6 16 6 2 8 2 3 34 11 6 10 30 16 Tu. 6 14 6 3 8 38 4 22 M 11 0 17 W. 6 12 6 5 9 22 5 11 0 6 11 33 18 Th. 6 10 6 6 10 14 6 1 1 0 M 11 0 19 Fr. 6 9 6 7 11 11 6 51 1 48 0 14 14 0 20 Sa. 6 7 6 8 A. 13 7 40 2 31 1 3 21 SU. 6 5 6 10 1 18 8 28 3 7 2 17 0 22 M. 6 3 6 11 2 25 9 15 3 38 3 50 23 Tu. 6 1 6 12 3 32 10 2 4 5 5 5 11 0 24 W. 5 59 6 13 4 45 10 50

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 min-utes LATER, and at St. John's, Newfoundland, 20 minutes EARLIER, than at Halifax. At Charlottetown, 2 hours 56 minutes EATER. A Westport, 2 hours 54 minutes LATER. A Yarmouth, 2 hours 20 minutes

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 .- 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.

PURIFYING A WELL.-A correspondent of the Inner-Ocean, writing from Battle Creek, Mich., says that he purified his well of water, which was subject to so many worms, bugs, and other insects as to render it almost unfit for drinking, by placing in the well a couple of good-sized trout. They have kept perfectly healthy and have eaten up every live thing in the water. In the winter season crumbs of bread or crackers are thrown in. The water is perfectly pure and sweet.

BROWN PAPER AGAINST THE COLD -The "old woman's" remedy for a " eold on the chest," a sore throat, or a bruise, which consisted in an application of brown paper steeped in beer or vinegar owed its efficacy to the heat-retaining properties of the paper. A wet pad of this material, so far as the surface next the skin was concerned, acted almost as well as a layer of wet linen rag protected with a thick covering of boiling. flannel. In short, stout paper of the commonest sort is an effective nonconductor, and may be most advantageously employed as coverings for beds, or to eke out scanty clothing. If this were then take a loin of mutton and cut it generally known among the poor, strong sheets of thick paper would be stitched to the back of ragged quilts, with the result of rendering many a poor family nips, carrots and small potatoes, with comfortable because better protected three pints of peas, a head of celery; from the bitter weather of those winter nights. A piece of thick paper inserted between the lining and the cloth of a waistcoat, or in the back of a thin coat, will rended it warm as well as light. The suggestion is a small one, but it is simple to carry into effect, and will be found effective.

By the completion of the cable between Aden and Zanzibar, the final link in the telegraphic communication between England and the Cape has been established, and England atlast brought within speaking distance of South Africa.

In winter set the handle of your pump as high as possible before you go to bed. Except in very cold weather, this keeps the handle from freezing. When it is extremely cold, throw a rug or blanket over the pump.

Over 240 patents appertaining to the art of soldering have been granted in the United States whilst in Canada only two patents of the kind have been

AGRICULTURE.

A correspondent of the Toronto Globe in discussing "the Dishonesty of Farmers" says:

It is a notorious fact that many farmers, when they bring their grain to market, put the good wheat at the top of the bag and the inferior wheat at the bottom, so that when a load of grain honestly prepared is brought to market the dealers will not give one cent more for it than for any other wheat, on the ground that they lose so much in preparing the dirty grain for market that they cannot afford to give more; but this is solely the fault of the dealers. If they were to make a rule whenever a load of wheat was emptied into their storehouses, if they found any attempt made to cheat them, they should summon the dishonest farmer before a magistrate on a charge of fraud. On the other hand, they sometimes retaliate by fixing a bit of stick in the weighing | sprouted wheat is very likely to "run" less than it really is; so there is cheating all round. At the same time, if the dealers would pay a cent or two more per bushel for well-cleaned grain, they trash to get rid of, and the dishonest practices would soon be put an end to.

A wheelbarrow that can be folded in a flat package by simply removing two nuts and a bolt has been invented. It has the important advantage that when not in use it can be put where it taste, with the addition of the thin rind won't be constantly in everybody's way.

Linkletter Road, was at work in the woods near St. Eleanors, a few days it out into a basin to get cold, and reago, he found a hollow tree in which a move the lemon rind and cinnamon; swarm of bees had taken refuge. On then stir into it the yolks of four eggs taking home the part of the tree containing the hive, he had it dissected honey .- S'side Progress.

If men would spend in doing good to others one quarter of the money spent in doing harm to themselves misery would vanish.

THE HOUSEHOLD

PORK AND BEANS .- One quart of white beans; wash and pick them. Some good housekeepers soak their beans over night, but I find it less trouble to boil them at once, putting them in three quarts of cold water, and leting them come slowly to the boil. Cook fully three hours, and do not boil too rapidly, or they will be cooked unevenly. Season with a tablespoonful of white ground pepper, and as much red pepper as the end of a penknife blade will take up, Put them in a deep baking pan. If the beans have not absorbed all the water, keep some of the water they were boiled in, as they will require it when baking, if too dry. Take one and a half pounds o bacon; it is nicer than salt pork. Skin and score it. After the beans have been baking in a slow oven for hours put on top of the beans the bacon, and let all bake two hours longer. If it gets too dry, add the water, which should be

MUTTON STEW. -Stew three pounds of a neck of mutton for stock the day before -it will make about two quartsup into chops with all the fat taken off. Put it into the stock and let it boil gently for two hours, add onions, turadd a few milk dumplings six minutes before it is served up.

young shoots of the common burdock in soup, cultivating it for that purpose. The burdock contains mucilage, sugar and a trace of tannin. As prepared for the table the plant tastes like artichokes, and is served frequently in Japan out side of soup, as we cook celery, with cream and butter.

The lemon syrup bought at stores can be made at home much cheaper. Take a pound of Havana sugar, boil it in water down to a quart, drop in the white of an egg to clarify it, strain it, add one-quarter of an ounce of tartaric acid. If you do not find it sour enough after it has stood two or three days, add more of the tartaric acid. A few drops of oil of lemon improves it.

Have all the good bits of vegetables and meats collected after dinner and minced before they are set away, that they may be in readiness to make a little savory mincemeat for supper or breakfast. Take the skins off potatoes before they are cold.

When molasses is used for cooking, it is an improvement to boil and skim it before you use it. It takes out the unpleasant raw taste and make it almost as good as sugar.

To give stoves a good polish-Rub them with a piece of Brussels carpet after blackening them.

The water used in mixing bread must be tepid. If it is too hot the loaves will be full of holes.

Guinea fowls will keep all bugs and insects of every description off garden vines. They will not scratch like other fowls or harm the most delicate plants.

FLOUR RUNNING IN BREAD.—It is a well known fact that flour made from machine, that the weight appears to be in the process of bread-making. This can be prevented by taking the flour intended for the dough in a pan, and placing the latter in an oven where it will be heated hot but not scorched. would gain by it, in not having so much | Excess of moisture is the cause of the flour running, and the heat drives out that excess.

RICE CAKE .- Pick and wash in two or three waters a couple of handfuls of rice, and put it to cook in rather less than one quart of milk sweetened to of one lemon cut in one piece, and a small stick of cinnamon. Let the rice A SWEET FIND .- As Mr. Jeffery, of simmer gently until it is quite tender and has absorbed all the milk. Turn and the white of one; add a quantity of candied citron cut into small pieces. and found some fifty or sixty pounds of Butter and bread-crumb a plain cakemould; put the mixture in it and bake in a quick oven for half an hour.

> Don't try to see yourself as others see you. It may destroy your faith in human wisdom.



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At 8.30 a. m.—Express for St. John, Pic. tou, and intermediate places. At 1.16 p. m.—Express for Quebec and intermediate places.

At 5.30 p. m.—Accommodation for Truro. WILL ARRIVE :-

At 9.16. a. m. - Accommodation from At 1.56 p. m.,—Express from Quebec and from St. John. At 8.30 p. m.—Express from St. John, and Pictou. Dec. 3, 1879.



Sadly

Yea

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Cold

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Winter Arrangement, Commencing 4th Dec., 1879,

			Wed.	and Thu., only.	Daily.
Miles.	GOING	WEST	Express Mon., and Saturday	Passengers and Freight, Tues., Th and Friday only	Pass, & Frgt. Daily.
45 64 71	Halifax Windsor. Welfville. Kentville,	Leave	A. M. 7 30 9 30 10 24 10 45	7 30 10 30 11 30 12 00	P. M 2 44 5 44 6 50 7 10
102	Do. Berwick. Middleton. Annapolis.	Leave	11 00 11 32 P. M. 12 20 1 45	P.M. 12 30 1 18 2 30 4 20	h
	GOING	EAST.	Pass. and Freight 2.	Pass. and Freight Tuesday, Thursday and Friday only.	Express Mon. Wed.
	St. John,	Leave	A.M.	A. M.	8 0 P. N

Steamer "Scudd" leaves St. John every Monday, Wednesday and Saturday for Annapolis, and returns the same day on arrival of train.

Leave

Arrive

Annapolis,

28 Middleton.

47 Berwick.

59 Kentville,

66 Wolfville

84 Windsor,

130 Halifax

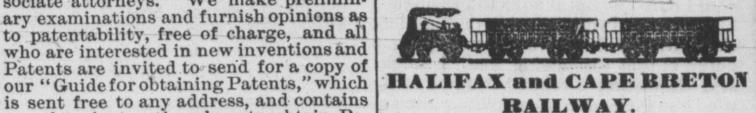
7 30 2 15 9 23 3 38 10 45 4 27

Arrive Leave 6 40 12 00 5 10

Arrive 8 25 2 00 6 30 Arrive 11 00 5 00 8 2

P.M.

7 07 12 30 5 31 8 25 2 00 6 30



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