The Messenger Almanac.

March.

First Quarter, Full Moon, Last Quarter,	"	3, 5h. 10, 1h. 17, 9h. 25, 3h.	10m.	aftern	
New Moon,		20, 511.	om.		my.

New Moon, " 25, 3h. 5/m.						
DIDAY SUN.	MOON.	High Tide				
Day Rise. Sets.	Rises. South. Sets.	at Halifax				
1 W. 16 41 5 44	8 57 4 31 M.	11 1				
2 Th 6 40 5 45	9 34 5 28 0 5	11 38				
3 F. 6 38 5 46	10 22 6 29 1 22	M.				
4 Sa. 6 36 5 48	11 24 7 32 2 36					
5 SU. 6 34 5 49		2 53				
6 M. 6 32 5 50	A CONTRACT MARKET STATE OF THE					
7 Tu. 6 31 5 52 8 W. 6 29 5 53	3 15 10 29 5 13 4 33 11 20 5 43					
8 W. 6 29 5 53 9 Th. 6 27 5 54	CONTRACTOR OF THE PARTY OF THE	7 1				
10 F. 6 25 5 56	6 58 0 6 6 26	7 45				
11 Sa. 6 23 5 57	8 7 0 52 6 46	8 24				
12 SU. 6 22 5 58	9 16 1 36 7 5	8 58 9 32				
13 M: 6 20 5 59	10 25 2 20 7 24 11 33 3 5 7 45					
14 Tu. 6 18 6 1	The second secon					
15 W. 6 16 6 2 16 Th. 6 14 6 3	A.A					
16 Th. 6 14 6 3 17 F. 6 12 6 5	0 00	11 40				
18 Sa. 6 10 6 6	2 33 6 24 10 15					
19 SU. 6 9 6 7	3 19 7 16 11 13	1 19				
20 M. 6 76 8	3 57 8 7 A. 17	2 44				
21 Tu. 6 5 6 10	4 26 8 54 1 22	4 29 5 47				
22 W. 6 3 6 11	4 51 9 41 2 31 5 13 10 27 3 41	6 35				
23 Th. 6 1 6 12	0 10 10 1	7 13				
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25 Sa. 5 57 6 15 26 SU. 5 56 6 16		8 17				
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28 Tu. 5 52 6 18	6 59 2 25 9 51					
29 W. 5 50 6 20	7 33 3 22 11 11	10 1				
30 Th. 5 48 6 21	8 19 4 23 M.	10 39				
31 Fr. 5 46 6 22	9 17 5 26 0 27	11 21				

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, Newfoundland, 20 minutes EARLIER, than at Halifax. At Charlottetown, 2 hours 56 minutes LATER. At Westport, 2 hours 54 minutes LATER. At Yarmouth, 2 hours 20 minutes

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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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, and for temporary coughs and colds it is invaluable, for which assertions abundant testimony can be produced. For singers and speakers it is also invaluable. No harm can result from a free use of this medicine. To be had of the Manfacturer

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Halifax, N. S.

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 chough, 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. GEO. L. FELLOWS.

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.

Aug. 12. 1 yr. Dearborn.

To the Editor of "Christian Messenger," ESTEEMED FRIEND:-Will you please fnform 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. Please show this letter to any one you may know who is suffering from these diseases, and oblige,

Faithfully Yours, DR. T. F. BURT, 67 William Street, New York. 26 ins. Aug. 5.

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AGRICULTURE.

MAPLE SUGAR .- The Montreal Star gives the following seasonable suggestions on "Tapping the maple." As much | it sometimes disappears of itself, but, if injury is often inflicted on the sugar neglected, often returns for years on maple by excessive tapping and various the approach of very cold weather. negligent practices in connection with This affection would never manifest itthe operation, the following rules will self if the feet were kept always comfortbe useful in guarding against such mal- ably warm; or, if getting very cold, practice. Use nothing larger than a they were brought back to their natural three-fourth auger or bit. One-half to condition by drawing off the stockings five-eights of an inch is best. Do not a yard or two from the fire or stove open trees until they run equally well on and patiently rubbed with the hands Never put more than one spout to a tree | ually invite back the heat. that is less than one foot in diameter, be remembered. The root of a tree pearance of the skin is removed. will sometimes run more than the body. spreading tops, discharge more and covery soon takes place. much sweeter water than those in a forest.

meetings of a Dairyman's Association rub in a teaspoonful of this night and in the Eastern States, experienced dairymen said they attached much import- ly with the finger, some ointment, painance to the color of the inside of the ear of a cow as a test of her butter producing ability. A rich yellow color on the inside of the ear, one speaker said to be is liable to cause ulceration, mortihe had never known to fail as a sign of a good butter cow, one that would give rich milk. Dr. Sturtevant regards the color of the ear as a good guide, but calls attention to the necessity, when observing, for clearing away the secretions that may have accumulated on the skin and which may be darker than the skin itself.

AMOUNT OF FLOUR FROM WHEAT .-By the best grinding a miller gets from a bushel of wheat from twelve to fourteen pounds of bran and shorts, one and a half to two of middlings (not more than two) one pound waste, no second grade flour, and forty-three to fortyfive pounds in the fine flour.

Analysis of the Soils is of little or no value to common farming. The soil is so bulky that valuable ingredients are not easily detected; besides, a coarse, sterile soil has been made fertile by finely pulverizing its ingrediments without changing them. There are several other reasons. The only satisfactory way to find what the soil wants is to try the experiment of applying fertil-

DOMESTIC ECONOMY.

SCOTCH BROTH.—Take four pounds of mutton-part of the leg is bestadd one gallon water, one teacupful of pearl barley, two carrots sliced, two onions cut small, three carrots grated, the white part of a large cabbage chopped very small, and a small quantity of parsley. Season with pepper and salt. Let this boil gently for three hours and a half, and at the dinner table it will,

most likely, by all who are fond of

soups, be pronounced excellent.

To COOK POULTRY .- All kinds of poultry and meat can be cooked quicker by adding to the water in which they are boiled a little vinegar or a piece of lemon." By the use of a little acid there will be a considerable saving of fuel, as well as shortening of time. Its action is beneficial on old, tough meats, rendering them quite tender and easy of digestion. Tainted meats and fowls will lose their bad taste and odor if cooked in this way, and if not used too freely no bad taste of it will be acquired.

COTTAGE PIE. -In the bottom of the pie-dish put a good layer of nicely minced mutton or beef, season to taste, add an onion chopped fine, cover with grand, upright and square. mashed potatoes, and bake in a sharp oven half an hour, or until the potatoes are well browned.

POTATO FRITTERS.—For potato fritters grate six cold boiled potatoes, add to them a pint of cream or new milk, then the beaten whites and a little salt. Fry in hot lard or butter. They are delicious. \$2.00 \$ \$ \$1.00 mm 4.53

SCIENCE.

CHILBLAINS .- The chief symptom of the chilblain is a troublesome itching; all sides. Select the thriftiest part of the first, and then with a rough woolen flantree that is farthest from an old orifice. nel, more or less warmed, so as to grad-

If the skin of the blain is unbroken, nor more than one bucket to one that melt an ounce each of rosin and beeswax is less than 18 inches in diameter. in three ounces of sweet oil, and when Never bore trees more than once in a thoroughly melted and stirred up, stir season, but freshen them once, or any in half an ounce of calomine, a preparatime after a long and hard frost. Nev- tion of lead found at the drug-stores; er leave spouts in the trees a single this forms a kind of ointment which day after they have done running. The should be gently and patiently rubbed quicker the orifices dry the less they into the part night and morning with decay. The following facts should also the warm finger, until all unnatural ap-

Another method is to paint it over A healthy tree runs in proportion to the with collodion, which is gun cotton dissize of its top, and should be opened solved. This soon dries into an imperwith respect to its capacity for product vious covering, perfectly excluding the tion. Trees in open grounds, with external air, and, if not disturbed, re-

If broken, wash the parts night and morning with half an ounce of blue vitriol dissolved in half a pint of How to choose a cow.—At recent water, kept in a glass bottle for use morning, and when dry, rub in patientkiller, glycerine, or hog's lard. In old persons and others of a feeble circulalation, this ailment, simple as it appears fication and death .- Dr. Hall.

> "CREEPING" OF RAILS. - The "creeping" of railroad rails has attracted some attention of late, and while the Scientific American does not attempt to explain it, it offers a point and south, the western rail "creeps" faster than the eastern rail-that is, this strange movement of the rail to wards the south is more marked in one rail than in the other on the same track. Furthermore, it has been noticed that on such a line the eastern rail wears out the fastest. Both of these points we think, can be explained by the motion of the earth as it turns from the west to the east. Everything that has free motion is dragged after the whirling globe; every wind that blows and every tide that moves feels the influence, and our train going north or south is pulled over towards the east, and naturally presses the eastern rail most heavily. The western rail, being relieved of its share of the weight, "creeps" more freely and quickly. It is also noticed that the wheels that run on the eastern rail wear out the first, and we can but think that this earth-motion is the true cause. The practical side of this is that the eastern rails and wheels should be stronger.

This sample of the poetry of science gives us the offspring of a chemical wed-

Messrs. Water and Oil One day had a broil, As down in the glass they were dropping. And would not unite, But continued to fight, Without any prospects of stopping.

Mr. Pearlash o'er heard, And quick as a word, He jumped in the midst of the clashing When all three agreed, And united with speed. And Soap came out ready for washing.

It takes the Chinese to bring out the inherent beauties of that favorite ballad, "How doth the little busy bee: " How belly small chin chin sting bug

Im-im plove ebly sixty minit all a time, Go, pickee up sting bug juice all day, All kin' places 'loun flowels just got

The keel of a new tugboat which

was recently laid in San Francisco, was composed of one stick of timber 140 feet long.

Why are pianos the noblest of manufactured articles? Because they are

It is noticed that the same people who grumble at warm weather, grumble also at cold weather.

BIG BEEF .- The Peterborough Review says :- Mr. Geo. Webber last and flour enough to make as stiff as week bought of Mr. John Fowler, of other fritters, the yolk of four eggs Monaghan, a yoke of 7 year old cattle, whose combined weight was 4,020 pounds, said to be the heaviest record in this place for many years.

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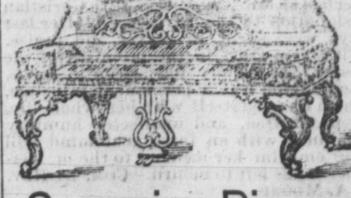
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DAY EXPRESS TRAINS Will leave Halifax for St. John, at 8.00 a. m., and St. John for Halifax at 8.00 a. m.

LOCAL EXPRESS TRAINS will leave Pictou for Truro at 3.15 p.m. and Truro for Pictou at 10.50 a. m., St. John for Sussex, at 4.30 p. m. Sussex for St. John at 7. 35 a. m., Point du Chene for Painsec at 11.40 a. m., and 3.20 p. m., Painsec for Point du Chene at 12.30 p. m. and 4.05 p. 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 Painsec and Moncton at 7.00 a.m., and Moncton for Painsec 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 at 10.00 a. m.

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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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