

## The Christian Messenger.

## ALMANAC FOR AUGUST.

New Moon, August 1st, 9h. 13m. morning.  
First Quarter, " 8th, 11h. 16m. afternoon.  
Full Moon, " 16th, 9h. 19m. afternoon.  
Last Quarter, " 23rd, 9h. 24m. afternoon.  
New Moon, " 30th, 7h. 27m. afternoon.

Day	SUN.	MOON.	High Tide
Wk	Rise	Set	at Halifax
1 SU.	4 51 17	21 4 45	17 7 49
2 M.	4 52 17	20 6 2	18 8 20
3 T.	4 53 17	19 7 17	19 8 41
4 W.	4 54 18	18 8 26	20 9 0
5 Th.	4 55 18	17 9 31	21 9 17
6 F.	4 56 18	16 10 38	22 9 36
7 Sa.	4 57 14	15 11 43	23 9 53
8 SU.	4 58 13	14 12 47	24 10 15
9 M.	5 0 7	13 1 52	25 10 40
10 Tu.	5 1 10	12 2 56	26 11 12
11 W.	5 2 7	11 3 59	27 11 51
12 Th.	5 3 6	10 4 56	28 12 29
13 Fr.	5 4 5	9 5 44	29 1 0
14 Sa.	5 5 4	8 6 24	30 1 38
15 SU.	5 6 2	7 7 22	31 2 42
16 M.	5 7 1	6 8 19	32 3 42
17 Tu.	5 8 0	5 9 14	33 4 42
18 W.	5 9 0	4 10 14	34 5 42
19 Th.	5 10 0	3 11 11	35 6 42
20 F.	5 11 0	2 12 11	36 7 42
21 Sa.	5 12 0	1 13 11	37 8 42
22 SU.	5 13 0	12 14 11	38 9 42
23 M.	5 14 0	11 15 11	39 10 42
24 Tu.	5 15 0	10 16 11	40 11 42
25 W.	5 16 0	9 17 11	41 12 42
26 Th.	5 17 0	8 18 11	42 1 42
27 F.	5 18 0	7 19 11	43 2 42
28 Sa.	5 19 0	6 20 11	44 3 42
29 SU.	5 20 0	5 21 11	45 4 42
30 M.	5 21 0	4 22 11	46 5 42
31 Tu.	5 22 0	3 23 11	47 6 42

**TIDE TIDES.**—The column of the Moon's Southings 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, 30 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 later.

**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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Nov. 18

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FOR  
Coughs, Colds, Whooping Cough,  
Asthma, &c.

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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.

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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 over 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. 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.

JOHN N. DEARBORN.

Aug. 12.

## 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, 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,**

William Street, New York.

Aug. 5.

## Agriculture.

**ONIONS.**—It is undoubtedly profitable to raise onions. A writer in one of our exchanges, who is extensively engaged in this branch of farming, tells us how to do it in a few words, as follows: "To raise onions, the ground should be thoroughly ploughed, made very mellow and rolled. It should be made rich with well rotted manure, and wood ashes make a good additional fertilizer. Thirty loads of manure per acre would not be too much for a good crop. Five pounds of seed per acre may be drilled in rows nine inches apart with a light hand seed-drill. The ground must be kept very clean from weeds, and mellow with a hoe. A hoe with a pronged blade is made specially for this work. The onions may be grown as close in a row as they will stand. They may be grown if plenty of manure is given them, with increasing profit. We would rather sell at a fair price at a home market, than risk the chances of a distant one."

**TEN RULES FOR FARMERS.**—1. Take good papers and read them.

2. Keep an account of farm operations.

3. Do not leave implements scattered over the farm, exposed to snow, rain and heat.

4. Repair tools and buildings at a proper time, and do not suffer subsequent threefold expenditure of time and money.

5. Use money judiciously, and do not attend auction sales to purchase all kinds of trumpery because it is cheap.

6. See that fences are well repaired, and not cattle grazing in the meadows, or grain fields, or orchards.

7. Do not refuse to make correct experiments, in a small way, of many new things.

8. Plant fruit trees well, care for them, and of course get good crops.

9. Practise economy by giving stock shelter during the winter; also good food, taking out all that is unsound, half-rotten or mouldy.

10. Do not keep tribes of cats and snarling dogs around the premises, who eat more in a month than they are worth in a lifetime.

## FARMERS OF THE FUTURE.—LADIES

AND CRIPPLES.—It is not probable that in the now settled parts of the Dominion, riding ploughs and cultivators will be used so extensively as they are getting to be used on the level, stoneless and stumpless prairies of the West. Gang-ploughs are coming rapidly into use, however, and in particular instances, sulky ploughs and cultivators may be found valuable. An especial virtue of sulky ploughs is the ease with which enterprising young women and men who have lost a limb can work them. We would not, for worlds, be considered as advising young ladies to employ their time in ploughing and cultivating, but we will say that they could scarcely be employed more usefully, and that no one whose opinion is worth a cent would think any less of them for doing it. There is a lady-farmer in Illinois, a widow, who ploughs, cultivates, mows and reaps her own crops with these implements. Another Illinois farmer is a veteran who lost an arm and a leg in the late war. He does all his plowing with a sulky plough, drives his planter while his boy drops, and uses a sulky cultivator. With the help of these implements, he is able to do a large share of his farm work himself, while with ordinary ones he could do nothing.—*Canada Farmer.*

**CAMPOR** possesses a wondrous stimulative power over the nervous system of the body, and also, as recent experiments have shown, a restorative power to chilled plants and a stimulating power over the germination of seeds. By soaking seeds which are not easily germinated in a weak solution of camphor water, obtained by boiling camphor gum in water, and allowing it to cool, then dropping a few drops of it into warm water and soaking the seeds in it for twenty-four hours, they will soon sprout.

A young man out in search of his father's lost pig, near Scranton, Penn., accosted an Irishman along the road with: "Have you seen a stray pig about here?" "Faith," said Pat, "and how could I tell a stray pig from another?"

## Science.

**TO FIND CONTENTS OF A BOX.**—An approximate rule, doubtless sufficiently accurate for most practical purposes, is given for the measurement of grain, fruit, herbs, &c., in house or box, as follows: find the length, breadth, and depth, multiply them together, annex two ciphers, and divide the product by 124; the result will be the number of bushels, and the fractional remainder, if any, may be reduced to pecks and quarts.

**TO PREVENT SPLITTING OF HANDLES.**—All carpenters know how soon the but-ends of chisels split, when daily exposed to the blow of the mallet or hammer. A way to prevent this consists simply in sawing or cutting off the round end of the handle, so as to make it flat, and attaching, by a few small nails on the top of it, two round disks of sole-leather, so that the end becomes similar to the heel of a boot. The two thicknesses of leather will prevent all further splitting, and if, in the course of time, they expand and overlap the wood of the handle, they are simply trimmed off all around.

**TO RELIEVE TOOTHACHE.**—A correspondent writes in the *Scientific American* that the worst toothache, or neuralgia, coming from the teeth, may be speedily and delightfully ended by the application of a small bit of cotton, saturated in a strong solution of ammonia to the defective tooth. Sometimes the sufferer is provoked to momentary nervous laughter by the application, but the pain has disappeared.

A GOOD WELDING COMPOSITION is made of borax fused with one sixteenth its weight of sal ammoniac, cooled, pulverized, and combined with an equal weight of quick lime. The compound is sprinkled on the red hot iron, and the latter replaced in the fire.

**RUBBER FOR HARNESS.**—A new wrinkle is being tried in the economy of hauling, by introducing caoutchouc in the harness of draught animals, so as to augment the strength of the cattle, on the principle that a weight attached to a spring can be raised more readily than if lifted without it, or like the elastic union of a railway train.

**PAINTING OLD BUILDINGS.**—An inexpensive but durable method of painting old buildings is as follows: First give them a coat of crude petroleum, which is the oil as it comes from the wells, and which can be procured for four or five dollars per barrel. Then mix one pound of "metallic paint," which is brown or red hematite iron and finely ground, to one quart of linseed oil, and apply this over the petroleum coat. The petroleum sinks into the wood, and makes a groundwork for the iron and oil paint. The color of the iron paint is a dark reddish brown, and is not at all disagreeable; it is a color not easily soiled, very durable, and is fire-proof.

## DOMESTIC ECONOMY.

**NEVER DECANT COFFEE.**—Whatever else you may do about it, bring it to the table in the vessel in which it was made. A handsome urn or gorgeous coffee-pot is the grave of good coffee. When hot coffee is emptied from one vessel to another, the kitchen ceiling generally receives the essence-laden vapor which should have found its way into the cups of the breakfast table. And one word about these cups. When the coffee enters them it should find the milk or cream already there.

**IN COOKING OAT-MEAL,** hominy, wheaten grits, cracked wheat, or any of those nice breakfast dishes, cook it in a covered tin dish set in a kettle of boiling water. In this manner there is no danger of scorching. Corn starch pudding, sea moss, farina and all other articles mixed with milk can be cooked in the same way.

**PRESSED BEEF.**—Procure about six or eight pounds of the brisket of beef; put it in pickle for two weeks, or get your butcher to put it in a sweet pickle for you; wash it clean, and put it in a vessel with cold water; bring it to a boil; then set it where it will simmer until tender. When you can run a straw through it, remove it from the fire, drain it, take out all the bones, roll it up tightly, tie or skewer it to keep it in its place, put it on a plate or dish, set another one on top of it, and place a heavy weight on it; let it stand until next day; cut in thin slices for supper or luncheon.

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