The Messenger Almanac.

JANUARY.

New Moon, Jan. 3rd, 9h. 49m. morning.
First Quarter, " 11th, 2h. 32m. afternoon.
Full Moon, " 18th, 7h. 56m. "
Last Quarter, " 25th, 11h. 35m. morning.

D. M.	Day W.	SUN. Rise.	SUN. Sets.	MOON. Rises.	MOON. South.	MOON. Sets.	High Tide at Halifax
1	Tu.	7 42	4 26	6 22	10 20	2 18	6 4
2	W..	7 42	4 27	7 16	11 14	3 12	7 0
3	Th.	7 42	4 28	8 4	A. 10	4 16	7 50
4	Fr..	7 42	4 29	8 42	1 1	5 20	8 30
5	Sa..	7 42	4 30	9 8	1 48	6 28	9 8
6	US.	7 42	4 31	9 30	2 32	7 34	9 45
7	M..	7 41	4 32	9 49	3 13	8 37	10 21
8	Tu.	7 41	4 33	10 7	3 53	9 39	10 53
9	W.	7 41	4 34	10 24	4 32	10 40	11 25
10	Th.	7 41	4 35	10 40	5 11	11 42	11 59
11	Fr..	7 40	4 36	11 0	5 53	M	M.
12	Sa..	7 40	4 38	11 23	6 38	0 46	0 36
13	SU.	7 39	4 39	11 50	7 26	1 53	1 20
14	M..	7 39	4 40	A. 27	8 19	3 2	2 13
15	Tu.	7 38	4 41	1 15	9 17	4 11	3 23
16	W..	7 38	4 42	2 17	10 19	5 19	4 43
17	Th.	7 37	4 44	3 30	11 21	6 21	5 55
18	Fr..	7 36	4 45	4 50	M	7 12	6 56
19	Sa..	7 36	4 46	6 14	0 22	7 54	7 47
20	SU.	7 35	4 48	7 34	1 20	8 26	8 32
21	M..	7 34	4 49	8 53	2 13	8 52	9 17
22	Tu.	7 33	4 50	10 11	3 4	9 15	10 2
23	W..	7 33	4 52	11 27	3 54	9 37	10 46
24	Th.	7 32	4 53	M	4 43	9 59	11 28
25	Fr..	7 31	4 55	0 42	5 33	10 24	A. 11
26	Sa..	7 30	4 56	1 57	6 25	10 53	0 56
27	SU.	7 29	4 58	3 9	7 19	11 29	1 50
28	M..	7 28	4 59	4 16	8 15	A. 14	3 0
29	Tu.	7 27	4 0	5 13	9 10	1 7	4 30
30	W..	7 26	4 1	6 2	10 5	2 8	5 53
31	Th.	7 25	4 3	6 41	10 56	3 11	6 56

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. A Westport, 2 hours 54 minutes LATER. A 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 12 hours and to the remainder add the time of rising next morning.

BAPTIST CHURCH REQUISITES.

Articles and Covenant $1.00 per 100.
Church Record and Register $2. and $3 each.
Alphabetical List of Members 40 cents each.
Letters of Dismission 50 cts. per quire.
Psalmists, in all varieties, from 75 cts.
Baptist Hymn Book from 50 cts.
Baptists Hymn and Tune Book $1.00 and $2.25.
Scripture Catechism, $6.00 per 100.
CHRISTIAN MESSENGER OFFICE,
No. 69 & 71 Granville St., Halifax.
April 15.

For Consumption

And all diseases that lead to it; such as COUGHS, NEGLECTED COLDS, BRONCHITIS, PAIN IN THE CHEST, AND ALL DISEASES OF THE LUNGS,

ALLEN'S LUNG BALSAM

IS THE GREAT MODERN REMEDY

IT IS WARRANTED to break up the most distressing Cough in a few hours time, if not of too long standing. IT IS WARRANTED to give entire satisfaction even in the most confirmed cases of Consumption! IT IS WARRANTED not to produce costiveness (which is the case with most remedies), or affect the head as it contains no Opium in any form. IT IS WARRANTED to be perfectly harmless to the mos delicate child, although it is an active and powerful remedy for restoring the system. There is no real necessity for so many deaths by Consumption, when Allen's Lung Balsam will prevent it, if only taken in time.

PRICE $1 PER BOTTLE.
SOLD BY ALL DRUGGISTS.
April 22.

50 VISITING OR CALLING CARDS

with your name finely printed, sent for 25 cents. Agents wanted. 6 samples sent for three cent stamp.
Address
A. W. KINNEY,
May 24. 1y. Yarmouth, N. S.

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SAVE 15 CENTS in every DOLLAR by purchasing your BOOTS and SHOES, HATS and CAPS from C. L. WEEKS.
April 14.

CATARRH

CANNOT be cured by Snuffs, Washes or Local Applications. Thousands of cases, some of forty years standing, have been entirely cured by Constitutional CATARRH REMEDY. For sale by all druggists. Send stamp for pamphlet on Catarrh to
T. J. B. HARDING, BROCKVILLE, ONT.

Five Years' Sickness Cured by Four Bottles of Constitutional Catarrh Remedy. Pain in Shoulders, Back and Lungs, and Droppings in Throat Disappeared.

ST. ARMAND, P. Q., Sept. 12, 1876.

MR. T. J. B. HARDING,
DEAR SIR,—Being desirous that others may know something of the merits of your CONSTITUTIONAL CATARRH REMEDY, I wish to inform you what it has done for me. I am 25 years old; had been out of health for about five years. I had employed three or four different doctors, and tried various medicines, without receiving any permanent benefit but continued rather to grow worse, until last fall, when I had become so bad as to be unable to do an hour's work at a time. Had severe soreness and pain under the shoulder blades and through the shoulders, with very lame back, and a feeling in my right side as though there was a weight bearing it down, with continual dropping in the throat and down upon the lungs. In such was my condition when I commenced to take your Catarrh Remedy, one bottle of which eased my pains and gave me an improved appetite, and after taking four bottles I was restored to health, so as to be able to endure hard and continued labor, such as chopping and clearing land, at which I have been engaged the past season. My recovery I attribute solely, with God's blessing, to the use of your Catarrh Remedy. Yours truly,
D. S. F. Price $1 per bottle. HENRY SNIDER
April 4.

AGRICULTURE.

DRIVEN OR TUBE WELLS.—An iron tube of $1\frac{1}{4}$ to 3 inches in diameter is driven into any soil reasonably free from stones or like obstruction, to a suitable depth, *i e.*, to a water stratum. The bottom end is provided with a solid point, and the sides of the pipe just above are pierced with numerous holes. A "sand pump" is attached, which removes the sand in the immediate vicinity of the end of the pipe. Then an ordinary pump is affixed, and the well is complete.

There are many cases where steam pumps are attached to these driven wells, and are in continual operation.

Aside from being practically exhaustless, it also possesses the advantages of purity and coldness. With a good wind-mill attached to one of these driven wells, it seems that a farmer's water supply would be complete. It is a common practice in parts of the West to thus combine the two with satisfactory and effective results.

There are many plants, the odor of which is very agreeable when inhaled in the open air, but in a close room it becomes nauseating. This is paticularly the case with the new "Gold Banded Lily," (*L. auratum,*) which blooms very freely when grown in pots; but a single flower will fill a room with its powerful perfume, and few persons can remain long in its presence. We do not believe that the perfume given off by such flowers is really injurious to health, but it is often quite disagreeable.

BREAKING A COLT.—The colt ought to be broken to halter while following its dam, and between two and three years of age he should be broken to harness. The first lesson of subjection is performed with the bitting apparatus. The bitting bridle can at first be put on in the stall or on the stable floor. The head should not be left strained up more than one hour at the start before it is let down to rest the neck. Tension for a longer period is liable to callous the mouth and make it insensible to the bit. There is danger of creating the "hog mouth"—to use stable language. After a few lessons with the bitting bridle the harness may be thrown on, and the colt driven on the road, taught to turn to the right or left, go forward, and stop at the word of command. After a few days of thorough drilling without a load he may be hitched to a double carriage with a gentle horse, or put single in a two-wheel vehicle. He will go at the word of command without any stop or hindrance if he has been thoroughly educated in his first lessons of obedience.—*Michigan Farmer.*

SCIENCE.

NOVEL METHOD OF PREPARING OXYGEN.—The author finds that oxygen may be very readily obtained even at common temperatures by the mutual reacton of two oxygenated compounds formed of several atoms of oxygen, such as hypochlorate of lime and peroxide of barium. These facts prove, he considers, that the oxygen is produced by the neutralization of the opposite electric polarities of the oxygen in one of the compounds and that in the other.—*Sylvester Zinno, in Les Mondes.*

DEATH FROM CHLOROFORM AVERTED.—A correspondent of the *British Medical Journal* communicates the interesting observation, that in a case of syncope during the administration of chloroform, where the usual treatment was without effect, and death seemed imminent, the application of some lint saturated with nitrite of amyl to the nostrils was followed almost immediately by restoration of the pulse, and the subsequent recovery of the patient.

CHARCOAL FOR OFFENSIVE BREATH.—A correspondent of the *Dental Cosmos* says that the best treatment in regard to offensive breath is the use of pulverized charcoal, two or three tablespoonsfuls per week, taken in a glass of water before retiring for the night.

Mr. Richard Hants, a coal mtner, living near Galesburgh, Ill, is reported to have dug out of the earth, fifty feet below the surface, the entire carcase of a petrefied mastodon sixteen feet long and nine feet high, in almost perfect shape.

Wheat flour thrown on kerosene oil fire will destroy the flames.

Patience is a plaster for all sores.

AN AUTOMATIC HORSE.—Mr. J. H. Nolan has invented a novel means of locomotion, which the *Boston Traveller* describes as in the form of an automatic or self-propelling horse, locomotion being produced by the weight of the rider and the weight which is carried. The "horse" and its appliance are models of mechanical simplicity, and any amount of speed required can be secured, in fact can be made to go a mile faster than the fastest trotting-horse of the day. A small "horse," capable of carrying a man ten or twelve miles per hour, can be built at from fifteen to twenty dollars; smaller ones, which can be used by children for amusement and recreation, can be built at from three to five dollars. The "horse" can carry considerable weight in addition to the rider. The person sits in position as he would upon the live animal, with the feet in stirrups and reins in hand, in which position he can govern the speed and guide the "horse" at will. There was an exhibition made with one of these "horses" recently, in a hall in this city, and although the room was small and unfavourable for either speed or ease of locomotion, a boy weighing sixty pounds propelled the "horse" at from six to seven miles an hour with the utmost ease. The experiment thoroughly established the practical value of the invention.

HOUSEHOLD.

HULLED CORN.—This old-fashoned luxury is coming into style again, and as it is really a delicious dish when properly prepared, it may be acceptable to know the *modus operandi* of doing it right. Take a six-quart panful of ashes (hard wood ashes if possible, as they are stronger); put into an iron kettle, with three gallons of water; let them boil about five minutes; then set off from the fire, and turn in a pint of cold water to settle it. Turn off the lie and strain; put in six quarts of shelled corn; put it over a brisk fire, and let it boil half an hour, skimming and stirring frequently. The outside skin of the kernels will then slip off. Strain off the lye, and rinse thoroughly in several clear waters. When the lie is thus weakened, turn the corn into a large dish-pan, and turn in water enough to cover it; then rub thoroughly with the hands till the little black chits come off; rinse and strain till the water looks clear; then put back into a clean kettle, with water enough to cover it, and let it boil slowly. It will swell to more than double the first quantity. Boil till quite soft; it may be necessary to add water occasionally; stir often so as not to burn at bottom of the kettle; when quite soft, put in two large table spoonfuls of salt, and stir well. To be eaten with milk, or butter and sugar. It is a healthy dish, and although there is work in preparing it, yet it is good enough to pay for the labor and trouble. It is good either hot or cold, and was considered by our grandparents one of the greatest luxuries of the table. Wheat hulled in the same way is considered a great delicacy, and very beneficial diet for invalids, but it is not so stable or nutricious as Indian corn. Smaller quantities can be prepared by using less lye and corn.

FOR COLD IN THE HEAD.—Dissolve a tablespoonful of borax in a pint of hot water; let it stand until it becomes tepid; stuff some up the nostrils two or three times during the day, or use the dry powdered borax like snuff, taking a pinch as often as required. At night have a handkerchief saturated with spirits of camphor, place it near the nostrils so as to inhale the fumes while sleeping.

BAKED INDIAN PUDDING.—Two quarts sweet milk, one cup Indian meal, half cup each molasses and sugar, salt, two eggs, a little nutmeg and ginger. Beat all the ingredients, excepting the milk, well together, pour the milk on them, boiling hot, and stir thoroughly together. Pour the mixture into a buttered earthen pudding pot, and bake moderately three hours, stirring frequently the first hour. If allowed to stand an hour in a warm oven after it is done it will improve it. Eat with butter, or milk and sugar.

The following advertisement appeared in a late Gloucester newspaper:—"For disposal, the remnant of the stake to which Bishop Hooper was confined at his martyrdom, and dug up some years since on the spot in St. Mary's-square." The people of Gloucester, only the other day, erected a memorial to the martyr on the spot where he suffered death.

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DIMONAD RHEUMATIC CURE.

In its history, this invaluable Medicine occupies the most honourable position possible for any remedy to attain. A few years since it was known only to the friends and neighbors and patients of the proprietors, and always sought for by them whenever troubled with Rheumatism, and in this way came to the notice of physicians generally, and through their favorable expression, and its acknowledged value as a Rheumatic Remedy, the demand for it became so frequent and urgent as to oblige its proprietors to increase their facilities for its manufacture. Its reputation rapidly extended, and soon orders, letters of enquiry, letters of thanks, and certificates of praise were daily received from all sections of the United States and Canada; and in this way on a basis of its merit alone—unaided by "tricks of the trade" or special efforts—it has risen to its present envious position. Wherever introduced it has received the most flattering preference in the treatment of all rheumatic complaints. In this we are really grateful and happy not alone because our medicine finds ready sale, and is consequently profitable to us, do we say this, but because we open a new field in medical science, and cure at once what the best medical practitioners have for ages found so difficult even to relieve. We fill a place heretofore unoccupied. We relieve the suffering and minister to God's poor; we restore the laboring to the use of his injured limbs, and save him scores of times its cost in doctor's bills; we carry contentment and gladness into the home of the afflicted, and consequently are remembered by millions of grateful souls.

The proprietor of this medicine has walked the aisles of the Hospitals of London, Eng., for the past twenty years, making rheumatism a speciality, and the prescription from which this remedy is all he ever used in the treatment of this disease.

This medicine is for sale at all the druggists throughout Canada. If it happens that your druggist has not got it in stock, ask him to send for it to

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General Agent for N. S., and C. B.
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OFFICE, 138 HOLLIS STREET,
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MOTTO:—Prompt Payments. Jan. 3.

Ayer's Sarsaparilla

For Scrofula, and all scrofulous diseases, Erysipelas, Rose, or St. Anthony's Fire, Eruptions and Eruptive diseases of the skin, Ulcerations of the Liver, Stomach, Kidneys, Lungs, Pimples, Pustules, Boils, Blotches, Tumors, Tetter, Salt Rheum, Scald Head, Ringworm, Ulcers, Sores, Rheumatism, Neuralgia, Pain in the Bones, Side and Head, Female Weakness, Sterility, Leucorrhœa, arising from internal ulceration, and Uterine disease, Syphilitic and Mercurial diseases, Dropsy, Dyspepsia, Emaciation, General Debility, and for Purifying the Blood.

This Sarsaparilla is a combination of vegetable alteratives—Stillingia, Mandrake, Yellow Dock—with the Iodides of Potassium and Iron, and is the most efficacious medicine yet known for the diseases it is intended to cure.

Its ingredients are so skilfully combined, that the full alterative effect of each is assured, and while it is so mild as to be harmless even to children, it is still so effectual as to purge out from the system those impurities and corruptions which develop into loathsome disease.

The reputation it enjoys is derived from its cures, and the confidence which prominent physicians all over the country repose in it, prove their experience of its usefulness.

Certificates attesting its virtues have accumulated, and are constantly being received, and as many of these cases are publicly known, they furnish convincing evidence of the superiority of this Sarsaparilla over every other alterative medicine. So generally is its superiority to any other medicine known, that we need do no more than to assure the public that the best qualities it has ever possessed are strictly maintained.

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