The Messenger Almanac.

October.	
Full Moon, Oct. 3rd, 6h. 42m. Last Quarter, "10th, 6h. 5m. New Moon, "17th, 5h. 43m. First Quarter, "25th, 3h. 40m.	
Day Rise. Sets. Rises. South. Sets.	at Halifax
No. Rise. Sets. Rises. South. Sets. Rises. Rises. South. Sets. Rises.	6 18 6 54 7 27 7 56 8 28 9 1 9 35 10 12 10 55 11 44 A.50 2 20 4 5 5 17 6 8 8 6 52 7 31 8 6 8 40 9 15 9 49 10 23 11 1
24 Tu. 6 31 4 58 1 33 5 45 9 5 25 W. 6 33 4 56 2 1 6 32 11 26 Th. 6 34 4 54 2 26 7 17 M. 27 Fr. 6 35 4 53 2 45 8 0 0 28 Sa. 6 37 4 51 3 3 8 43 1 1 29 SU. 6 38 4 50 3 21 9 24 2 2 2	3 M.
30 M., 6 39 4 49 3 39 10 8 3 2	6 13

THE TIDES.—The column of the Moon's Parrsboro, Cornwallis, Horton, Hantsport,

31 Tu. 6 41 4 47 4 0 10 56 4 37

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, Newfound- by the experiments that land can be land, 20 minutes EARLIER, than at Halifax. | speedily cleared of formidable obstruc-At Charlottetown, 2 hours 56 minutes tions to good cultivation by the use of dynamite. The committee who

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

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IS THE GREAT MODERN REMEDY TT 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 Con-

sumption! 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 most delicate child, although it is an again and bring him cround watch so many deaths by Consumption, when Allen's Lung Balsam will prevent it, if only taken in time.

PRICE \$1 PER BOTTLE.

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A MAN OF A THOUSAND.

A CONSUMPTIVE CURED.

When death was hourly expected from Consumption, all remedies having failed, accident led to a discovery whereby Dr. H. James cured his only child with a preparation of CANAABIS INDIEA. He now gives this recipe free on receipt of two stamps to pay expenses. There is not a single symptom of consumption that it does not dissipate—Night Sweats, Irritation of the Nerves, Difficult Expectoration, Sharp Pains in the Lungs, Nausea at the Stomach, Inaction of the Bowels, and Wasting of the Muscles,
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Oct. 21.

AGRICULTURE.

USING DYNAMITE ON THE FARM .-Dynamite consists of an explosive material, more efficient than powder or nitro-glycerine. Some dynamite was employed to raise stumps from their position and hold in the earth. A quantity of earth was removed from light aluminum bar, pivoted on a jewel the side of a stump, and a hole driven at a proper distance over a common below the stump with a crowbar. Into needle, having fastened across it some this hole a cartridge of dynamite forty magnets about half an inch long, was pressed by means of a wooden made flat and thin and set on edge an ram-rod, then a detonating percussion eighth of an inch apart. As the like cap, with a Blackford's fuse attached, poles of these magnets face one way, was squeezed into a small cartridge or primer of dynamite and inserted into the hole in contact with the charge. The hole was filled up with loose earth, about a foot length of the fuse being left bare. A match was next applied to the fuse and sufficient time was taken for the powder to reach the on a circle. Compensation is effected percussion cap to allow the operatives to retire to a safe distance. When the explosion occurred the stump was literally blown out of the ground, some of the fragments, weighing nearly twenty pounds, being thrown a distance of over one hundred yards. The destruction of the stump was complete. In breaking up big boulder stones, the dynamite was simply placed on the top Southing gives the time of high water at of the stone, covered with wet sand, and fired with the fuse in the ordinary way. The result was the reduction of the boulders to fragments the size of a walnut. It was effectually proved watched the operations expressed themselves as highly satisfied with the results.

> Dogs or Poultry.-How frequently we see from one to three worthless dogs about a poor man's door, and it takes more to feed them than twenty hens. For the benefit of your readers I will give my experience with poultry in small coops for three months, March, April and May. No. 1. cock and five Dominique Leghorn pullets laid two hundred and fifty eggs; average fifty to each hen. No. 2. one cock and two Black Hamburg pullets laid one hundred and thirty-five eggs; average sixty-seven and one halt. No. 3, one cock and four Golden S. Hamburg pullets laid two hundred and twenty-nine eggs; average fifty-seven and one quarter. No. 4, one cock and five Silver S. Hamburg hens, four years old, laid two hundred and fifty-five eggs; average fifty-one. My fowls, for the past five months, have been kept in coops made of laths, thirteen feet long four feet wide, and two feet high. They commenced to lay about February 1st. My fowls are in good health, free from vermin, and the eggs hatch well. Charles Selser, in Poultry.

TRAINING A HORSE TO STEP BE-TWEEN THE THILLS .- I never draw carriage up to a horse when he is about to be hitched before it. No matter how awkward and blundering he may be, he is always taught to step over one thill to the desired place between the shafts. Before a horse has been trained to step over one shaft the forward ends of the two shafts are placed on a small bench, eight or ten inches high. Then the animal is led along the side of the carriage and taught carefully to step over one shaft with the fore feet, and then to place his rear feet between the shafts. If he is active and powerful remedy for restoring again and bring him around until you desired of him. A tractable animal (if his driver knows half as much as the the horse) can easily be taught to step between the thills and never touch them with his feet .- New York Herald.

> WEEDS ON WALKS.—A correspondent of The Garden says: These can be killed and prevented from growing in garden paths by watering the ground with a weak solution of carbolic acid, 1 part pure chrystallized acid to 2,000 parts water. Sprinkle from a watering pot.

Housekeepers will be glad to learn that a cheap and effective "fly-killer" may be prepared by making an infusion of quassia chips-about half a pound to a gallon of boiling water-sweetening the decoction slightly, and saturating small pieces of paper with it. The infusion is perfectly harmless to man and beast, but kills flies and other insects instantly.

"Why is the absence of the letter m like the presence of a poor hand-organ?

SCIENCE.

An improvement on the ordinary compass, intended to show the amount of local attraction on shipboard, and enable the mariner to correct it at any time, has recently been invented. Its distinguishing feature is the use of a and severally point north and south, the bar across which they are set points east and west. When there is no local attraction this bar and the common needle are exactly at right angles; any disturbing mass attracts both, and their inclination can be read by using the repellent pole of a cylindrical magnet until 90 can be read off again.

A NEW BUILDING MATERIAL. -"Nolanum" is the name given to a new building material invented by a woman of St. Louis. In the Woman's Pavilion is a miniature dwelling built of this material, which presents the appearance of white marble. Nolanum, it is explained by the inventor, is not only a new building material, but introduces a new style of architecture, one calculated to establish thorough ventilation and better sanitary results than the present system. It is claimed to be a compound of clays, harder than marble, non-absorbent, non-combustible, of great strength and durability. The blocks have an interlocking key. When placed in position they form a hollow wall, requiring neither painting, plastering, nor papering afterward. Through this hollow wall a current of air passes from | the first Prize at all the principal Fairs. the basement to the roof, and by means of openings under the cornice of the ceiling all the rooms of a house can be thoroughly ventilated. Any variety in color or design can be obtained. Nearly forty different varieties of ornamentation are exhibited in miniature blocks-roses, daisies, and trefoil in alto relievo; panels of different varieties, mosaics, inlaid patterns in colored clays enamel colors, both glazed surfaces and

STEEL SPRINGS AS A MOTIVE POWER. -An English inventor has been for some time engaged in experiments to ascertain the feasibility of running tramway cars by the motive power exerted by steel springs. In order to test the matter thoroughly, he has persuaded some of the spring-makers to undertake the manufacture of springs of extraordinary power. In this they have been signally successful. A band of steel has been rolled, which, when tempered into a spring, will give a draught of three thousand pounds. Another single band of steel has been made, four inches in width, and one hundred and eightyfour feet long. There is some uncertainty yet, however, whether this power can be used as designed with success.

SEA WEED can be utilized by being made into a kind of leather. The sea weed is pressed between sheets of carded wadding, on hot, polished metal plates. and dried quickly. A coating of linseed oil is given, and afterwards a thin coat of wax, and final pressure between the hot plates when it will be ready for use.

The Times Paris correspondent states that in digging the new basin at St. the system. There is no real necessity for can induce him to understand what is Nazaire, animal remains, tools, weapons, and utensils, have been found in a sandy stratum six metres from the surface. Last year a dolichocephalous skull was found near the same spot, which Dr. Broca, declared to belong to the age of

> GRAPE-JAM. - Seven pounds of grapes and three and a half of sugar. Stem the grapes, weigh, and then wash them, MR. NEILY, DEAR SIR,put in a kettle with about a pint of water, over a moderate fire, stirring occasionally to prevent burning; in forty or fifty minutes or less the seeds will slip from their skins; then rub through a colander, and return to the kettle with the sugar. Boil from one to two hours, according as it thickens; stirring it all the while or it will burn. If it is desired to make a sauce for cold meats, etc., to this quantity add two tablespoonfuls of cinnamon, one of cloves, and a half-pint of vinegar just on taking from the fire. Any kind of grapes will do, wild, cultivated, or green.

A balloon, which will contain accommodation for fifty persons, is to be con-Because, of course, it makes u-sic of structed for the Universal Exhibition of

LIGHT RUNNING ROYAL

AGAIN TRIUMPHS.



THE following are a list of Prizes taken L by the Light Running Royal at this season's Fairs; which proves it to be the people's favourite and the best family Sewing Machine.

GLENGARY-Over the Webster, Osborne and Singer.
BELVILLE—Over the Wheeler and

Wilson. UNIONVILLE-Over the Wheeler and Wilson, and others.
TILSONBURG—Over all Competitors.
WOODSTOCK—Over all Competitors.

PARIS-Over Raymond and Singer. NAPANEE-Over Singer, Howe, Wanzer, and Osborne. HARLEY-Over all Competitors for Family work. HARLEY-Over all Competitors for

GUELPH-Over all Competitors for embroidering. CHATHAM-Over all Competitors for manufacturing. DRUMBO-Extra Prize for all kinds

light manufacturing.

HAMILTON-Diploma for best display. ONE. THOUSAND HYMNS, AND THREE HUN-For a number of years past Canadian Manufactures have been in a measure suppressed by the rivalry of their American Cousins, but in the Light Running Royal they have found their equal and got fairly beaten. It is without doubt the lightest running and best Machine in use, as you see by the above it has taken the Head Office for the Provinces,

No. 50 Germain Street, St. John, N. B. H. M. HAMILTON, Manager. A few reasons why it is the best

1st. It is never out of time but always 2nd. All the wearing parts are made of steel or case hardened iron.

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5th. The most perfect Braider invented. 6th. The bobbin can be filled without running the Machine.

7th. Shuttle holds 50 yards of thread. 8th. Will sew from muslin to thick cloth without changing the tension. 9th. The stich can be changed without

stopping the Machine.

Each Machine is furnished with a full set of attachments for hemming, felling, cording, braiding, tucking, quilting and

Every Machine warranted perfect and kept in repair one year free of charge. Price list and Circular sent free to any

Oil and Needles kept on hand. Machines cleaned and repaired at short

Machines kept on hand on purpose to rent by the week or month. Any person having a second hand Machine can exchange for a Royal by paying the difference, or will furnish any description of Machine wanted for light or heavy work. For any informa-tion wanted concerning Machines, Address,

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ROYAL LAMP HOLDER,

a very ingenious invention which can be fitted to any Sewing Machine; which enables the operator to sew by night as well as day. It can be raised or lowered or placed in any position required and can with the aid of the reflector throw the light anywhere wished. It does not soil the work or cannot jar off the table, any party wishing to get one by writing a Postal Card will have one brought to relieve. We fill a place heretofore unoc them as soon as possible.

Price with Lamp complete \$2.50.

TESTIMONIALS.

BLACK ROCK, FEB. 4TH, 1876.

I am perfectly delighted with the ROYAL SEWING MACHINE, it is always ready for use and I would not exchange it for any Machine I ever saw.
Yours,
MRS. L. SWEET.

This is to certify that I am using one of the ROYAL MACHINES in my family.
It does fine work splendid and I make all
my Carriage and Sleigh Cushions on it;
and it is always ready for use.

W. P. BENNET, Carriage Maker. SOMMERSET.

This is to certify that I exchanged a Machine I had with Mr. Neily a year ago and got a ROYAL, and I have found it just what he recommended it to be, a first class Machine; and I would advise any person that is in want of a Machine to

get a ROYAL. MRS. E. O. READ TREMONT, Feb. 9th, 1876.

VICTORIA, WILMOT, April 7th, 1875. MESSRS. C. GATES &CO.

GENTLEMEN: -This is to certify, that I was troubled with Bronchitis for about 12 years, and tried different preparations which were recommended for it, but got no relief until I used your LIFE OF MAN BITTERS, SYRUP AND OINTMENT, and have been troubled but very little in that way since, which is now about three years; I would highly recommend your medicines to all suffering with throat and lung

Respectfully yours, DAVID FALES, Sworn to, before me, April 9th 1875, at Victoria, Wilmot. WALLACE PHINNEY, J. P.

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July 12.

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DIAMOND 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 acknow ledged 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-unaidded by "tricks of the trade" or special efforts—it has risen to its present envious position. Wherever introduced it has received the most fiattering preference in the treatment of all rheumatic complaints. In this we are really grateful and happy not alone because our medicine fir

relieve. We fill a place heretofore unoc cupied. 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

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