The Messenger Almanac.

MACRH, 1881.

25 2 742 9h 49m A
First Quarter, March 7th, 3h. 48m. A.
Full Moon, " 15th, 6h. 23m. A.
Last Quarter, " 22nd, 11h. 51m. A.
New Moon. " 29th, 6h. 18m. A.
MOON. High Tide
DID DUM:
W. Rise. Sets. Rises. South. Sets. at Halifax
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Z W 0 40 5 45 7 15 0 45 0 45 0 51
3 11. 0 30 3 40 0 00 9 95 10 50 10 90
4 Fr. 0 30 3 40 0 50 4 95 11 54 11 A
5 Sam 0 5 10 0 10 F 10 M 11 50
0 54. 0 52 5 50 50 50 50
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9 W. 6 27 5 54 A. 15 7 44 2 34 1 13
10 Th. 6 25 5 56 1 13 8 30 3 23 2 20
11 Fr 6 23 5 57 2 15 9 16 3 47 3 55
19 89 6 22 5 58 3 17 10 0 4 17 5 17
19 811 6 20 5 59 4 19 10 43 4 43 6 18
TAM 6 186 1 5 22 11 26 5 7 7 2
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THE TIDES.—The column of the Moon's Southing gives the time of high water at Parreboro, 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.

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

of rising next morning.

obtained for Inventors, in the United States, Canada, and Europe, at reduced rates. With our principal Office located in Washington, directly opposite the United States Patent Office, we are able to attend to all Patent Business with greater promptness and despatch and less cost, than other patent attorneys, who are at a distance from Washington, and to have ice. It will more than pay for a single representative of the richly who have, therefore, to employ "associate attorneys." We make preliminary exami-nations and furnish opinions as to patentability, free of charge, and all who are interested in new inventions and Patents are invived to send for a copy of our "Guide for obtaining Patents," which is sent free to any address, and contains complete instructions how to obtain Patents, and other valuable matter. We refer to the German-American National Bank, Washington, D. C.; the Royal Swedish, Norwegian, and Danish Legations, at Washington; Hon. Jos. Casey, late Chief Justice, U. S. Court of Claims, to the Officials of the U.S. Patent Office, and to Senators and Members of Congress from every State. Address:

LOUIS BAGGER & CO., Solicitors of Patents and Attorneys-at-Law, LeDroit Building, Washington, May 1.

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Before Taking Impotency, After Taking and all diseases that follow as a sequence of Self-Abuse; as loss of Memory, Universal Lassitude, Pain in the Back, Dimness of Vision, Premature Old Age, and many other Diseases that lead to Insanity or Consumption and a Premature Grave. Full particulars in our pamphlet,

which we desire to send free by mail to every one. The Specific Medicine is sold by all druggists at \$1 per package, or six packages for \$5, or will be sent free by mail on receipt of the money by addressing THE GRAY MEDICINE CO., Toronto, Ont.

Sold in Halifax by all druggists and everywhere in Canada and the United States by all wholesale and retail drug-

N. B.—The demands of our business have necessitated our removing to Toron-To, to which place please address all future communications. March 12, '79.

DR. J. WOODBURY'S Horse Liniment.

Is the only decidedly, reliable remedy for all affections of the Horses hoofs, and promptly removes Splints, Curbs, Bog Spavins, Strains or Sprains, Bruises, Saddle or Collar Galls, &c., &c. And

around each bottle.
Sold Wholesale by BROWN & WEBB, Halifax; and at Retail by Brown Bros., andby Druggists and Grocers generally throughout the province. Nov. 5. eow.

SCIENCE.

HOW TO HAVE ICE NEXT SUMMER. -A great many people do without ice in the summer-though the ponds and streams at their doors furnish an abundant supply every winter-simply because they imagine that an expensive ice-house is needed to hold the ice. A gentleman who once labored under the same delusion, describes in the Tribune the experience by which he was led to store his summer supply of ice successfully, without an ice-house, after paying dearly in disappointment, loss of ice, and loss of money, through having "too much ice-house." He was convinced of his error by the circumstance that the more pains he took with his ice-house the more rapidly his ice melted, while a neighbor who had no ice-house at all always had plenty of ice. The practice of the latter was simply to pile his ice in a square body under a cow-shed having a northern exposure, the first layer of ice being raised above the ground so as to secure good drainage, and the whole covered thickly with sawdust. Boards set on end around the ice pile served to keep the sawdust in place. The gentleman referred to says; A pile of ice six feet high, eight feet

wide, and eight feet long will make three hundred and eighty-four cubic alone is not very valuable, but with the feet. And this is enough for the use then ice must be chopped up fine and fertility to our fields." crowded in between the places so as to make a solid mass. The closer the ice is packed, and the more solid the mass 12 hours and to the remainder add the time is united together, the better it will keep. When an ice house is too close, there is a great deal of condensation, which makes the whole contents wet and dripping, and causes the ice to melt rapidly. The air must be kept dry as possible, one secret of keeping ice being plenty of ventilation. The more ice there is in a pile the better it will keep. A small quantity must be covered deeper and thicker than a large mass. A large mass will almost keep itself. It does not require the

> and a half miles, with an area of at the University commences?" seventy-one square miles 734,500,000 tons. The latter mine is in a vein of an aggregate thickness of thirty feet distributed in six seams. Engineers lyn of diptheria. Sad reports of successfully in the future.

A HUMAN LANTERN .- The wonders to the extraordinary success which is of modern science are great. The now reported in Germany, in this telegraph, the telephone, the phono- disease, from the muriate of pilocargraph, and various other "graphs" and pin. It is given in ordinary doses, "phones" are truly astonishing. But internally, and a large number of cases in addition to the wonders which we have been reported by different physichave seen, there are some of which we lians, wherein the results were astonishonly hear that are more marvellous ingly good. As soon as the pilocarpin the electric light for exploring the salivary glands, the false membrane interior of the human system. A Dr. detaches, the inflammatory phenomena Foster is credited with this discovery, disappear, and improvement begins. and the way it is applied is as follows: We particularly request our readers When the doctor has a patient about to try this treatment, and report the whose internal arrangements he is in results, whether good or bad .- Medical doubt, he takes him into a totally dark and Surgical Reporter. room and makes him disrobe to the waist; next the subject is given a tiny silver ball, to which is attached a fine thread-like silver wire connected with a in Florida, yellow fever in New Orpowerful apparatus for providing the leans, lightning in the pine-lands—the electric light. He is directed to swal- laziest of the group, pushing back his low the ball, and when it reaches the hat, remarked, "Fact is, it's rather stomach, the machine is got in opera- dangerous livin' anywhar." tion. Immediately the silver ball in the stomach becomes brilliantly bright, and the whole body rendered transparent. Every organ is seen distinctly, and, of course, whatever diseased given internally will promptly relieve every character of Cough, Enlargement of the Glands, Affections of the Kidneys, etc. And when used according to the directions as an internal or external remedy it is strictly warranted to effect that for which it is recommended. No stable should be without it. For full description and directions, see Circulars body into a lantern after this fashion is disturbance may be present becomes bathe freely and often. Almost infallistory they tell; and when such wonder- again. scription and directions, see Circulars body into a lantern after this fashion is charging it as often as it becomes

> Æsthetics are now studied more than ethics.

AGRICULTURE.

EXPERIMENT WITH SEED CORN .-Says the Phrenological Journal, " Four boxes of earth, alike in quantity and exposure to light and heat, were planted at the same time with corn from a single ear, and placed recently in a physician's office. In one box dry corn was planted; in another, seed previously soaked in clean warm water; in the third, seed had been soaked in a solution of lime water; in the fourth, seed soaked in chloride of lime and copperas water, equal parts. One week after, the dry cern had not germinated; the corn in the second box had just commenced to sprout; that in the third box was just showing the green blade, and that in the fourth bex had grown nearly three inches high. Copperas water will prevent birds and worms from eating the seed, and one pound of dry copperas will soak enough for twenty acres.

GOOD FARMING .- " My idea of good farming," says a writer in the American Rural Home, "is deep ploughing, thorough cultivation, a judicious rotation of crops, plenty of clover and sowed corn, with stock enough to eat all of the fodder and coarse grain raised on the farm. Manure made of straw addition of corn meal, bran and oats, of an ordinary family for the table and it will make the crops grow. I do not to cool the cream, etc. Six team loads design to sell any grain from my farm fill an ice-house which contains about but wheat and beans until it is fed to four hundred cubic feet. The blocks stock and made into meat. I prefer to should be cut as smooth as possible and buy bran by the ton, thus enriching LATER. A Yarmouth, 2 hours 20 minutes square, so they will fit closely, and the manure pile and giving increased

> SETTING HENS .- Do not neglect to sprinkle sulphur over the eggs before setting a hen. If the hen is at all infested, rub her well with lard and sulphur. When you see the lice walking over the eggs of a hatching hen you may make up your mind that the brood will not be worth much unless you can get rid of the pests before the chickens

HEALTH HINTS.

The Lancet regards it as a fact of protection of sawdust, but straw or a some significance that, in the list of double wall of boards will be ample. Wranglers of the recent mathematical Every person who makes butter ought | tripos, among the first six there was not use in the dairy, and, then for the endowed scholastic establishments of family, it is a luxury every provident | Eton, Winchester, or Westminister, man should supply .- Scientific Am- or of the old established Public Schools like Rugby or Harrow. "It is not improbable," it adds. " that the prem-UNDER THE SEA .- A number of ature forcing and sewere training which English coal mines are being worked a successful competitor for an Eton under the ocean. In Northumberland or Winchester scholarship has to underthe net available quanity of coal under go takes too much out of a lad at first, the sea is estimated at 403,000,000 and places him in later years at a tons, and on the Durham coast under disadvantage with competitors who the sea, including a breadth of three have matured slowly, when the struggle

PILOCARPIN IN DIPTHERIA.—Recently, fitty-two children died in Brookare considering how it can be worked similar mortality come from other quarters. It is our duty to call the special attention of American physicians For example, there is the use of exercises its specific effect on the

After listening to the various ills to which people were exposed-bronchitis

FOR RHEUMATISM OR NEURALGIA. -Get one ounce salpretre, and put it into half a pint of alcohol; shake till the alcohol has disolved all it will, then ble. Add more alcohol and shake

TO HEAL AN OBSTINATE SORE .-Apply raw turnip, grated or scraped, partially dry. This is an excellent medy.

The largest ant is the eleph-ant.

INTERCOLONIAL BAILWAY. WINTER ARRANGEMENT.

TRAINS leave Halifax daily (Sunday excepted) as follows :-(Halifax time.)

At 8.30 a. m.—Express for St. John, Pictou, Quebec. At 1.15 p.m. - Accommodation for Pictou. At 5.30 p. m.-Accommodation for Truro. At 3.00 p. m.—Express for St. John and Quebec.

WILL ARRIVE :-At 9.15. a. m. - Accommodation from

At 12 55 a. m., -Express from Quebec and from St. John. At 3.00 p. m.-Accommodation from Pic-At 8.30 p. m.—Express from St. John.

Nov. 24, 1880.

CONTRACTOR DESCRIPTION Windsor and Annapolis

Railway. Winter Arrangement—Commenc-

ing Thursday, 16th Dec., 1880.

The following is according to Railway Time Halifax times is 15 minutes later.

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Miles.	GOING W	edreset A	Express Wed, and	Suluinay only.	Preight, Mon., Tues.,	Thur. & Friday only.	Doce & Prot Daily.	
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	Middleton. Annapolis.	Arrive		37		53 45		
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	Annapolis,	Leave			7	50		15	
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	, do	Leave	6	30	12	30	5	10	
66	Wolfville.		6	57	12	58	5	31	1
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84	Windsor,	Arrive	8	15	2	30	6	27	1
	Halifax	Arrive	11	00	5	25	8	25	

Steamer " Edgar Stuart" leaves St. John at 8 a. m. every Monday, Wednesday and Saturday for Digby and Annapolis, and returns the same days, on arrival of 7.45 a. m. Express Train from Halifax.

HALIFAX and CAPE BRETON RAILWAY.

Leaves Antigonish at 9 a.m., and New Glasgow at 2.30 p. m. Arrives at New Glasgow at 11.90 a. m., and at Antigonish at 4.30 p. m.

Western Counties Railway.

Train leaves Yarmouth daily at 7.45 a. m., and arrives at Digby at 11.45 a. m. Leaves Digby on Monday, Wednesday and Saturday at 4.00 p. m., and at 12.30 p. m. on Tuesday, Thursday and Friday. Arrives at Yarmouth Tuesday &c., at 4.30 p. m., and on Monday &c., at 8. p. m.

For it is sadly too true that thousands of children are STARVED TO DEATH every year by improper or insufficient food. Remember,

RIDGE'S FOOD

Is all and a great deal more than we have claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated FOOD, grateful to the most delicate and for the INFANT and GROWING CHILD. Best Red Sealing Wax.

Invalids, Nursing Mothers, and those suffering from INDIGESTION will find on trial that RIDGE'S FOOD FOR INFANTS AND INVALIDS, is all they can desire. It is carefully put up in four sizes.

Constant users will find our No. 4 size (always the most economical size to buy) now much larger than formerly, thus

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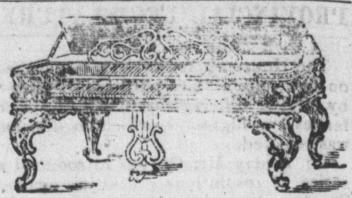
WOOLRICH, Dispensing and Family
Chemist, Upper Water St., Depot for
Ridges Food, Pick-me-up Bitters, &c.,
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A Sure Asthma KIDDER'S PASTILLES. Price 35 cts. by mail.

Feb. 25.



1879—Provincial Exhibition—1879

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PIANOS, -And were Awarded-DIPLOMA AND HIGHEST PRIZE.

These Pianos were not got up for exhibition, but were our ordinary manufacture. We invite inspection of our instruments; all first class and warranted

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May 16. Knee Swells, Walnut Case, warnt'd & years, Stool & Book \$98. New Pianos, Stool, Cover & Book, \$143 to \$255. Before you buy be sure to write me. Dustrated Newspaper sent & ree. Address DANL. F. BEATTY, Washington, New Jersey.

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Wholesale and Retail Druggist, Begs to inform his friends and patrons that he has removed his DRUG STORE to the commodious premises,

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Mr. Bent takes this opportunity to thank his numerous friends for the pat-ronage so liberally bestowed on him for the last 14 years, and trusts to merit a continuance of the same. Nov. 17.

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Cheapest place in the City. COATS DYED and PRESSED for \$1.00, FEATHERS DYED ALL SHADES AND CURLED.

COATS, DRESSES, CURTAINS, SHAWLS, SACQUES, ETC., Dyed to look like New. JOHN HUBELEY, Proprietor.

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