The Messenger Almanac.

	The second secon
Last Quarter, M	Iarch 3rd, 6h. 52m. A.
New Moon,	" 10th, 8h. 33m. A.
First Quarter.	" 18th, 8h. 22m. A.
New Moon, First Quarter, Full Moon,	" 26th, 9h. 9m. M.
- OYIN	MOON. High Tide
Day SUN.	
K W . Rise. Sets.	Rises. South. Sets. at Halifax
1:M 6 41 5 44	M 3 29 8 14 10 24
2 Tu. 6 40 5 45	
3 W . 6 38 5 46	
4 Th. 6 36 5 48	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
5 Fr. 6 34 5 49	
6 Sa . 6 32 5 50	3 56 8 25 A. 54 3 2
7 SU. 6 31 5 52	4 35 9 21 2 7 4 39
8 M. 6 29 5 53	5 4 10 12 3 20 6 0
9 Tu. 6 27 5 54	5 27 10 59 4 31 6 57
10 W. 6 25 5 56	
11 Th. 6 23 5 57	
12 Fr., 6 22 5 58	
13 Sa., 6 20 5 59	7 0 2 0 9 0 9 25
14 SU. 6 18 6 1	
15 M. 6 16 6 2	8 2 3 34 11 6 10 30
16 Tu. 6 14 6 3	8 8 38 4 22 M 1 11 0
17 W. 6 12 6 5	9 22 5 11 0 6 11 33
18 Th. 6 IO 6 6	
19 Fr., 6 9 6 7	111 11 6 51 1 48 0 14
20 Sa., 6 7 6 8	3 A. 13 7 40 2 31 1 3
21 SU. 6 56 10	1 18 8 28 3 7 2 17
22 M 6 3 6 11	1 2 25 9 15 3 38 3 50
23 Tu. 6 1 6 12	2 3 32 10 2 4 5 5 11
24 W . 5 59 6 13	3 4 45 10 50 4 32 6 11
25 Th. 5 57 6 15	
26 Fr 5 56 6 16	
27 Sa., 5 54 6 17	
28 Su. 5 52 6 18	8 9 45 1 22 6 16 8 44
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31 W. 5 46 6 22	2 0 10 4 21 8 32 10 44
	There we have not represent the first proper in home of the

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, Newfound land, 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.

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HEALTH HINTS.

WALK FOR HEALTH .- What is better than a walk in winter as stimulation to the nerves? How grateful the crisp air to the lungs! How clear and sweet it is to the nostrils l How it inspires and sustains one in a swinging gait of four or five miles an hour! How the cheeks glow, and the eyes shine, and the muscles tingle with delightful vigor after such a walk through the wintery sunshine! A chaise-ride is not half so good, for it robs the trip of the necessary exercise. Try it you who would seek health and strength.

Winter walking as a "nervine," is very much better than medicine, and for improving the complexion is worth a whole harbor full of lotions and washes. It will put an edge on appetite that you cannot buy at the doctor's, and in promoting digestion is better than a corner drug-shop's entire stock of bitters and pills. If you have never tried it, take a walk. Keep your mouth closed, your shoulders well thrown back, your head up, and remember that your legs-and especially your hips-were given you to walk with. - Young Folks Rural.

TYPHUS.—It is worth while for common people to learn that 50,000 typhus germs will thrive in the circumference of a pin head, or a visible globule. It is worth while for them to note that these germs may be desiccated and be borne, like thistle "seeds, everywhere, and, like demonical possessions, may jump noiselessly down any throat. But there are certain things spores cannot stand, according to the latest ascertained results of science. Soap chemically poisons them. For redemption fly to hot water and soap, ye who live in danger of material poisoning. Hot water is sanitary. Soap is more sanitary. Fight typhas, small-pox, yellow fever and ague with soap. Soap is a Board of Health .- Barnes' Educational Monthly.

PURE RAIN-WATER.-Since it has been so abundantly proved that disease often results from the consumption of water from wells, which has percolated through soils containing various impurities, the use of filtered rain-water is bceoming yearly more common. But the water, as it passes from roofs to cisterns, is often needlessly foul, and filters are choked sooner than necessary with impurities. We observe in a quotation by the Garden from Shirley Hibberd's new pamphlet entitled "Water for automatic contrivance for throwing off, the first fifteen minutes in any continuous shower. In this way the dust, smoke and floating impurities of the air, and the dirt on the roof, are all washed away, and such only of the raininto the cistern for family use.

The very best surface for water-catchand those suffering from Indigestion ing, remarks Mr. Hibbert, is slate and will find on trial that RIDGE'S FOOD class, and he thinks the latter will come all they can desire. It is carefully put up | into a more general use as a substitute for tiles and slate. The importance of throwing away from house cisterns the Rich, light soil, plow deep early in now much larger than formerly, thus first water which falls, in towns and spring, plant 15 inches apart and cover cities, is obvious; and in the few cases four inches deep or more; keep down of country houses covered with slate, the weeds, but do not work the ground where care has been taken by personal after the potatoes begin to bloom. The attention to turn off the first rain after | main secret, he says, is in selecting the a long drouth, the water in clean ciswater in appearance. The advantages than two will. gained are certainly worth all the care required, whether by the automatic apparatus, or by personal care at the time, in the purity of the water secured, and in its more entire freedom from all bad matter after filtering .- Country Gentle-

> EVIL EFFECTS OF EATING SNOW .-The practice of snow-eating is a fruitful cause of catarrh. The hard palate which forms the roof of the mouth and the floor of the nostrils has an upper covering of sensitive secreting membrane, and the chilling effect of ice and snow through the palate produces congestion and often chronic inflammation.

(Overheard at a Restaurant) Loquacious Lady: "And you Chinese actually eat rice with chopsticks? How funny!" Chinaman: "You tinkee so?" Loquacious Lady: "Of course Why, we use a spoon." Chinaman: "So didee we, madam, long 'go, when Chinee muchee barbarian too!

A critic, in noticing a discourse on "The Sayings and Doings of Great Men," remarks, "It is sad to observe how much they said, and how little they

SCIENCE.

USES OF PAPER .- A complete list of articles made of paper would be a very curious one, and almost every day it becomes more so. Among other things exhibited last year at the Berlin Exhition were paper buckets, "bronzes," urns, asphalt roofing, water-cans, carpets, shirts, whole suits of clothes, jewelry, material for garden walks, window curtains, lanterns, and pocket-handkerchiefs. The most striking of the many objects exhibited in this material was perhaps a fire-stove with a cheeerful fire burning it. We have from time to time noted the announcements of newly invented railway carriages, and carriage wheels, chimney pets, flour barrels, cottage walls, roofing tiles, and bricks and dies for stamping, all made of paper. A material capable of so many uses, so very diversified in character, is obviously destined to play a very important part in our manufacting future. Articles of this kind, which have just now perhaps the greatest interest, and which. are among the latest novelties in this way, are paper "blankets." Attention has frequently been called to the value of ordinary sheets of paper as a substitute for bed clothes.

A child examined in Cleveland is becoming literally petrified. The flesh is cold and hard almost as marble, and while the child, which is nearly three years old, continues to live, it can only freely move its lips and eyes, and sleeps with its eyes open, presenting a ghastly spectacle. Until six months ago it was in perfect health. The disease is one of connective tissues between the skin and flesh. This is the thirty-fifth case discovered, but no instance has hithertofore been known where the entire body was affected. The child is much diseased. Complete petrification will

PLASTERING BY MACHINERY .- A machine for plastering walls has been invented, which consists of a receptacle for the mortar, the segment of a cylender in form. It is provided with a hinged sociate attorneys." We make preliminplate that presses against the mortar, ary examinations and furnish opinions as as the receptacle is moved upwards against the wall, presses the plaster out through a narrow-gauged opening at the bottom.

AGRICULTURE.

An old teamster of fifty years' experience says he has never had a case of the galls upon his animals where the Nothing," the description of a simple following preventative was adopted: which was simply to rub on the collars as waste, all the water which falls for inside every few days a little neatsfoot oil, and the moment any dirt was found sticking like wax, to wash it off with warm soapsuds and then oil. A yoke from oxen, or collar from a horse should not be removed when brought water as comes from purified air and into the stable from work until the from a well-washed slated surface, goes sweat is entirely dry, and all chafed spots should be thoroughly oiled .-Maine Farmer.

A Kentucky farmer who knows how to raise 400 bushels of potatoes per acre, gives these points as to his methods seed. He always cuts off the blossom terns has been almost like clear spring | end. One eye will yield more potatoes

> BACKING HORSES.—It was the horse that could "back" well which took the first prize for working horses at the Middlesex fair at Concord, Mass., says the American Cultivator. The teams were attached to loads of gravel, one feature in the trial being to turn half round and back the load up over a considerable elevation or ridge; quite a difficult thing to do, and yet which it is necessary to do many times a year in the course of performing farm work. Many horses can pull a heavy load straight along, but few can "back" that same load handsomely and squarely unless specially trained for it. And on this point farmers should give more general practice to their teams than they usually do.

An old farmer was wondering "why in these days it seems impossible to have an honest horse-race," when a neighbor interrupted him with the remark that "it's because we haven't am honest human race."

Edison says the newspapers make light of his latest invention more successfully than he can do it himself.

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The OBJECT of this FEED is to prevent disease, to put and maintain animals in a healthy condition, and to economize feed. All the ingredients composing this FEED are certain health-giving Herbs, Seeds and Roots, which cannot be obtained by animals that are stall-fed. A varied diet is as necessary to the horse or any other animal as it is to man.

DIRECTIONS FOR FEEDING.

Horses.— At each time of feeding mix half pint of the Feed with the usual quantity of corn or oats. In a short time your horse will be in a perfect condition, when you can deduct one-fourth part of the usual grain feed. Discard all bran when using MANHATTAN FEED.

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Bullocks .- Mix same as for Cows. CALVES AND LAMBS.—at each time of feeding mix half pint of the Feed with the usual quantity of milk or oatmeal for every four animals. Hogs.—At each time of feeding mix

half pint of the Feed with the usual swill or meal for each hog. Poultry.—Mix half a pint of the Feed in a peck of their usual food. of one feed is enclosed in every bag.

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PRICES.

Bags containing 100 Feeds (25 lbs.), \$2.00. Bags containing 200 (50 lbs.) \$4.00. Bags containing 400 Feeds (100 lbs.), \$8.00. For Poultry, a specially prepared Feed, put up in 2½ lbs. boxes, 25 cents.

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ing diseases which beset the Throat and Chest of Childhood, it is invaluable; for, by its timely use, multitudes are rescued and restored to health. This medicine gains friends at every trial, as the cures it is constantly producing are too femarkable to be forgotten. No family should be without it, and those who have once used it

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tou, and intermediate places. At 1.16 p. m.—Express for Quebec and intermediate places. At 5.30 p. m.-Accommodation for Truro. WILL ARRIVE :-At 9.16. a. m. — Accommodation from

Truro. At 1.56 p. m., -Express from Quebec and from St. John. At 8.30 p. m.-Express from St. John, and Pictou. Dec. 3, 1879.

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Winter Arrangement, Commencing 4th Dec., 1879.

Miles.	GOING	WEST	Express Mon., Wed. and Saturday only.	Passengers and Freight, Tues., Thu., and Friday only.	Pass. & Frgt. Daily.
	Halifax	Leave	A. M. 7 30	A.M. 7 30	P. M. 2 44
7 45			9 30		
	Wolfville.	1	10 24	11 30	6 53
71	Kentville,	Arrive	10 45	12 00 P.M.	7 15
	Do.	Leave	11 00		
83	Berwick.		11 32	1 18	
		0	P. M.		1
	Middleton.		12 20	Sty Son Strategies.	
130	Annapolis.	Arrive	1 45	4 20	
	St. John,	do	7 30		1
		i p	sight	sday ly.	Wed.

Miles.	GOING	EAST.	Pass. and Freight	Pass. and Freigh Tuesday, Thursday and Friday only.	Express Mon. Wed and Saturday only
	St. John,	Leave	A.M.	A. M.	A.M. 8 00
NY 1000 200	Annapolis, Middleton. Berwick.	Leave	*	7, 30 9 23 10 45	
	Kentville,	Arrive	6 40	11 35 12 00 P.M.	5 00
84	Wolfville. Windsor, Halifax	Arrive Arrive	7 07 8 25 11 00	12 30	BACK 1000 92 2 C. TOTAL CO.

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