

The Messenger Almanac.

Table with columns for Day, SUN., MOON., High Tide. Rows for months from June to May.

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.

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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AGRICULTURE.

Cultivation of the Sugar Beet.

The N. S. Journal of Agriculture of this month gives a large portion of its space to the cultivation of the Sugar Beet. The editor says, very correctly, "It is not to be expected that capitalists will erect a Beet Sugar Factory until our farmers are prepared to grow a sufficient quantity of beet to keep it going."

From the Fredericton Agriculturist it appears that experiments are being made there in this matter. It gives the following as the best mode of cultivating the root:

"The ground should be a rich mellow loam, well drained, drills from twenty-seven to thirty inches apart, a liberal allowance of well rotted manure spread in the bottom of the drills, as usual for root crops; should special manure be used in addition it may be sown on the manure before covering. After the manure is covered, which should be done by a double mould board plough, the drills should be lightly rolled before making a track for the seed; the seed should be sown immediately after the track is opened, before the earth has time to dry, and covered with about one inch of soil; if the soil is dry it may be covered a little deeper.

"The beet sugar industry will, in more than one way, help to bring the good old times back to us. Can any one of those who feel called upon to discourage its introduction, and call its pioneers humbugs, point out to the public any branch of farming which really pays, into which any man could put money and have safe and sure returns? Look at the dairy farmers, still worse, or at grain raisers, while fattening cattle is altogether wasting money, investing a dollar to get 75 cents back, and have hard work in the bargain.

The sugar trade of the United States amounts in value to \$81,000,000 annually. The first beet sugar was made in Germany in the beginning of this century. It has expanded very rapidly during the last thirty years. There are now about fifteen hundred beet sugar factories in Europe. Twenty square miles are planted with sugar beets in Germany alone.

WHEN A COLT OVERREACHES have him shod afresh by an intelligent smith, altering the usual method of shoeing, so as to take the fore feet out of the way of the hind feet. This may be done sometimes by putting heavy shoes on the fore feet and lighter shoes on the hind feet; or by raising the heels on the front shoes more than those of the hind shoes, or by shortening the toes of the hind shoes as much as possible.

Give young chickens and ducklings all the milk they want to drink. It makes them grow astonishingly fast.

SCIENCE.

THE DANGER IN KEROSENE OIL.—It is simply to be set down to good fortune if one who has employed the light oils for household purposes has escaped injury, since no amount of care can avail against the inevitable result which must follow one accident. It is easy to understand how persons ignorant of the highly dangerous character of the light petroleum may unknowingly make use of them in the manner above named.

A LARGE METEORITE FOUND.—About 5 o'clock in the afternoon of May 10, a large meteor was seen to fall at the edge of a ravine near Estherville, Emmett county, Iowa, making a hole 12 feet in diameter and about 6 feet deep. S. E. Bemis writes to the Chicago Tribune that search parties had found numerous pieces, varying in size from 1 to 8 ounces, also four pieces, about 4 lb. and one weighing 32 lb. and 2 ounces; but the largest size was found bedded 8 feet in blue clay, and fully 14 feet from the surface.

DRAINING A LAKE.—One of the greatest engineering undertakings of this century is the successful accomplishment of the drainage of Lake Fucino in Italy, by which upwards of 35,000 acres of the richest land are recovered for cultivation. The labour of making the tunnel necessary for the task and other works has occupied nearly a century, and Prince Torlonia has expended on the work more than ten millions of dollars. All the water has disappeared except in a small basin used to drain the surrounding district.

According to the Philadelphia Record, fowls or game may be kept "perfectly sweet for months" by removing feathers and intestines, filling inside with unground wheat, and covering up in a cask or heap of the same grain.

THE HOUSEHOLD.

Baked rhubarb is said to be much better than if stewed. The stalks should be peeled, cut into square pieces, placed in a saucepan—not tin—cover with sugar, moisten, then cover the pan, and bake the rhubarb till clear. Bake slowly, and serve when cold.

To keep furs and woolen goods from moths close wrapping in paper with no holes in it is enough, and no openings left for the moth to creep in.

This epitaph is said to have been found in the ancient cemetery at East Lynne, Conn.:

"Children! Ma'am? Mother has come!" A duck goes under water for divers reasons, and then goes ashore for sundry purposes. A lady describing an ill-natured man, says he never smiles, but he feels ashamed of it.

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INTERCOLONIAL RAILWAY.

1879. Arrangement, 1879.

TRAINS leave Halifax:— At 8.25 a.m. (Express) for St. John, &c. At 1.30 p.m., (Express) for Riviere du Loup, Montreal, &c. At 5.30 p.m. (Express) for St John and intermediate stations.

WILL ARRIVE:— At 8.20 p.m., (Express) from St. John Pictou, &c. At 9.15 a.m., (Express) from St. John. At 1.30 p.m., (Express) from Riviere du Loup, Montreal, &c. May 28, 1879.



SPRING HILL AND PARRSBOROUGH RAILWAY.

Connects with Intercolonial.

Leaves Parrsborough at 9.30 a.m. Arrives at Spring Hill at 12.20 p.m. Leaves Spring Hill at 3.20 p.m. Arrives at Parrsborough at 6.00 p.m. May 28, 1879.



WESTERN COUNTIES RAILWAY.

1879. Arrangement, 1879.

TRAINS LEAVE HALIFAX 8.00 a.m.—(Express) Monday, Wednesday and Saturday. 8.00 a.m.—(Accommodation) Tuesdays, Thursdays and Fridays. 3.00 p.m.—Accommodation daily. Arrive at Windsor—9.35 a.m., 11.15 a.m. 5.40 p.m.

LEAVE WINDSOR: 8.35 a.m.—Accommodation daily. 1.45 p.m.—(Accommodation) Tuesdays, Thursdays & Fridays. 6.35 p.m.—(Express) Monday, Wednesday and Saturday. Arrive at Halifax 11.32 a.m. 4.45 p.m. 8.35 p.m. May 28, 1879.



WINDSOR & ANNAPOLIS Railway.

Summer Arrangement, Commencing 12th May, 1879.

Table with columns for Miles, GOING WEST, GOING EAST, and departure/arrival times for Windsor, Kentville, Berwick, Wilmot, Annapolis, and St. John.

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