

The Messenger Almanac.

Table with columns for Day, SUN., MOON., and High Tide. Rows list days from 1st to 30th with corresponding times for sunrise, moonset, and high tide.

THE TIDES.—The column of the Moon's Southings gives the time of high water at PARSBORO, CORNWALLIS, HORTON, HANTSPOUR, 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.

- Articles and Covenant \$1.00 per 100. Church Record and Register \$2. and \$3 each. Alphabetical List of Members 40 cents each.

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.

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AGRICULTURE.

USEFUL HINTS FOR POULTRY KEEPERS.—Get your winter quarters ready. Supply clean dry earth for the floor and dusting box, and gather dry leaves to throw upon the earth on which to scatter the grain which you give your birds, so that they busy themselves scratching for it, and thereby be kept in good exercise.

Give up the idea that any place is good enough for your chickens. When farmers will provide proper places to keep their fowls through the winter, and feed properly—they will get for these pains a well filled eggbasket—and clean, fat fowls for market—that will command good prices, and pay better for the amount of money invested than any product of the farm.

Potatoes are not a good single food to fatten hogs. They are too rich in starch and poor in albuminoids. The only proper way is to boil one bushel of corn or rye with three bushels of potatoes, or one bushel of oats with two bushels of potatoes, or one bushel of peas with five bushels of potatoes.

To give delicacy of flesh to chickens, make their principal food for a week or ten days before killing, barley meal moistened with milk. Alternate with Indian meal, scalded with either water or milk. During this process keep the chicks confined in a darkened room.

Rhubarb.—This is a good time to set a new bed. Divide the old roots, to have a bud with each piece, and plant at least four by four feet, manuring heavily.

Dahlias are spoiled by the first hard frost. The tops should be cut away at once, and the roots dug on a warm day, and left to dry in the sun for a few hours, after which they should be properly labelled and put away in a dry cellar for the winter.

The experiment of sowing a bushel of oats to every two bushels of wheat in the fall has been successfully tried in Iowa. The oats grow rapidly until cut down by the frost, and then they form a covering that keeps the wheat from being winter-killed.

SCIENCE.

PERFUME OF FLOWERS.—An amateur chemist has been investigating the effects of vegetable perfumes on the atmosphere, and finds, that they exercise a positively beneficial influence, by converting the oxygen of the air into that powerful, oxydizing and, therefore, purifying agent, ozone. The essences found by him to produce the most ozone are precisely those which usage has selected as the most invigorating, such as cherry, laurel, cloves, lavender, mint, juniper, lemon, fennel, and bergamot, several of which are ingredients in the refreshing eau de cologne.

THE SUEZ CANAL.—One thousand five hundred and fifty vessels passed through the Suez Canal in 1878. Of these 1,227 were British, 89 French,

71 Dutch, 44 Italian, 38 Austrian, 22 German, 21 Spanish, 8 Egyptian, 8, Japanese, 6 Danish, 5 Swedish and Norwegian, 4 Portuguese, 3 Turkish, 2 Belgian, 1 American, and 1 Zanzibar. The total tonnage was 2,178,316 tons, of which 1,726,946 tons were British.

THE HOUSEHOLD.

When ice cannot be obtained, and the butter for the table is soft, put a trivet, or some open flat thing with legs, into a saucer or soup-plate, and set the plate of butter on the trivet. Fill the saucer with water, turn a clean common flower-pot upside down over the butter, so that the edges will set within the saucer and under the water.

CREAM CHEESE.—The London Dairyman is the authority for the following: Take a quart of rich cream, and if not desired to be very rich, add thereto one pint of new milk; warm it in hot water till it is about the heat of milk from the cow; add a teaspoonful of rennet, let it stand till thick; then break slightly with a spoon, and place it in the frame in which you have previously put a fine canvass cloth; press it lightly with a weight; let it stand a few hours, then put a fine cloth in the frame and shift the cheese into it. Sprinkle a little salt over the cloth. It will be fit for use in a day or two.

Every man is the owner of his own labor, and can ask such price for it as he deems it is worth. If that price is not paid he has a perfect right to refuse to give it. But here his right stops. The moment he interposes his physical force to prevent another from selling his labor, at what he thinks it is worth, he becomes a tyrant, and proclaims a principle that, if maintained, would relegate us to the barbarian principle that "might is right," and that the weak must give way to the strong, an oligarchy that would stop all improvement, act as a bar to civilization and reduce us to an anarchy in which brute force would be the only law.

HEALTH HINTS.

SUGGESTIONS FOR THE SICK ROOM.—In preparing a meal for any one whose appetite is delicate, it should be made to look as tempting as possible. The tray should be covered with the whitest napkin, and the silver, glass, and china, should shine with cleanliness. There should not be too great a variety of viands, and but a small portion of each one. Nothing more quickly disgusts a feeble appetite, than a quantity of food presented at one time.

The patient never should be consulted beforehand as to what he will eat or what he will drink. If he asks for anything give it to him, with the doctor's permission; otherwise prepare something that he is known to like, and offer it without previous comment. One of the chief offices of a good nurse is to think for her patient. His slightest want should be anticipated and gratified before he has time to express it. Quick observation will enable her to detect the first symptom of worry or excitement, and to remove the cause. An invalid never should be teased with the exertion of making a decision. Whether the room is too hot or too cool; whether chicken broth, beef tee, or gruel is best for his luncheon, and all similar matters are questions which should be decided without appealing to him.

Household troubles should be kept as far as possible from the sick room. An invalid, or even a person apparently convalescent, should be saved from his friends. One garrulous acquaintance admitted for half an hour, will undo the good done by a week of tender nursing.

Carry out implicitly the doctor's directions, particularly those regarding medicine and diet. Strict obedience to his orders, a faithful, diligent, painstaking following of his instructions, will insure to the sufferer the best results from his skill, and bring order, method, and regularity into domestic nursing.



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WESTERN COUNTIES RAILWAY.

1879. Arrangement. 1879.

TRAINS LEAVE HALIFAX

7.55 a. m.—Express daily for St. John and intermediate points. 3.30 p. m.—Express daily for Windsor. Connection for Kentville and intermediate points on Tuesday, Thursday and Saturday.

8.20 a. m.—Passengers and freight Monday, Wednesday and Friday, for Annapolis and intermediate points.

Arrive at Windsor—9.40 a.m., 5.40 p.m., 11.15 p. m.

LEAVE WINDSOR:

7.00 a. m.—Express, Tuesday, Thursday and Saturday. 10.00 a. m.—Express, on arrival of train from Kentville, Monday, Wednesday and Friday.

2.00 p. m.—Passengers and Freight Tuesday, Thursday and Saturday. 6.50—Express daily. Arrive at Halifax 9.28 a. m.—noon, 4.50 p. m., and 8.30 p. m. July 1, 1879.

WINDSOR & ANNAPOLIS Railway.

Summer Arrangement, Commencing 1st July, 1879.

GOING WEST.

Express Daily. Pass. & Frt. Mon. & Fri. Freight, Tues., Thurs. & Saturday.

Table with columns for Miles, Station, and Time. Rows include Windsor, Wolfville, Kentville, Berwick, Wilmot, and Annapolis.

GOING EAST.

Pass. and Freight Mon. Wed. & Fri. Passengers & Frt. Tues., Thurs. & Sat. Express Daily.

Table with columns for Station, Leave, and Arrive times. Rows include St. John, Annapolis, Wilmot, Berwick, Kentville, Wolfville, and Windsor.

Steamer "Empress" leaves St. John every Monday, Wednesday and Saturday and Annapolis, to return on Tuesday, Wednesday and Saturday.

INTERCOLONIAL RAILWAY.

1879 SUMMER ARRANGEMENT 1879

TRAINS leave Halifax daily (Sunday excepted) as follows:— At 8.05 a.m. (Express) for St. John, Pictou and intermediate points.

At 12.15 p.m. (Accommodation) for Pictou and intermediate points. At 5.00 p.m. (Accommodation) for Truro and intermediate points.

At 6.15 p. m. (Express) for St. John, Riviere du Loup, Quebec, Montreal, and the West.

WILL ARRIVE:— At 9.15 a. m. (Accommodation) from Truro.

At 10.35 p. m., (Express) from St. John, Riviere du Loup, Quebec, Montreal, and the West.

At 2.55 p. m. (Accommodation) from Truro and Pictou. At 7.40 p. m., (Express) from St. John, Point du Chene, Pictou and intermediate points. July 23, 1879.

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