

First Quar 6th day, 2h 58.6m, p. m., E. Full Moon, 14th day, 2h 28.3m p. m., N. W., below horizon. Last Quar 21st day, 2h 43.2m. p. m., W New Moon, 28th day, 1h. 44.7m. p. m., S. W.

Table with columns: Day of Week, Sun rises, Sun sets, High water. Rows for days 1 through 31.

THE DAILY EXAMINER

THE LEADING DAILY NEWSPAPER OF P. E. ISLAND. Issued every afternoon, from the office of the EXAMINER PUBLISHING COMPANY, in the London House Building, Queen Street.

RATES OF SUBSCRIPTION. (IN ADVANCE) ONE YEAR, \$1.00; SIX MONTHS, 50c; THREE MONTHS, 25c; ONE MONTH, 10c.

ADVERTISING RATES. For small advertisements which are ordered for only one or two weeks the charge is 50 cents per line for the first insertion, and 20 cents for each continuation.

Special notices inserted unless paid for at the rate of 10 cents per line, and no circumstances will such paid notices appear in the local column.

Special discounts made on all advertisements connected with Church Fairs, Bazaars, Picnics, etc. No notices will be inserted with the same unless the regular rate of 10 cents per line is paid.

THE DAILY EXAMINER is considered by our Merchants and Manufacturers to be the leading newspaper in P. E. Island, and consequently the most valuable advertising medium through which to make their announcements public.

THE DAILY EXAMINER is for sale by the following agents: E. H. Mason, Post Office, Charlottetown; J. McInnis, Malpeque Road, Malpeque; C. Paul, Lower Spring Park Road, St. John's; W. M. Conroy, Water and Prince St., St. John's; D. Chappell, Prince Street, Bazaar Store, Queen Street; Geo. Carter & Co., Queen Street; S. Gray, News Station, P. E. I. Railway, and on the train; M. E. J. Walsh, Eclectic Bookstore, Summerside.

THE WEEKLY EXAMINER. Issued every Friday morning from the publishers' office. It is made up of matter which has appeared in the Daily editions, and is a first-class weekly newspaper—interesting and full of the latest news.

THE SUBSCRIPTION FOR THE WEEKLY EXAMINER, post paid to any part of Canada or the United States, is one dollar per year. Advertising rates on the same scale as given above for THE DAILY EXAMINER.

JOHN CALDWELL JOHN MAIR ESTABLISHED 1853. JOHN CALDWELL & CO., Fruit and Produce Commission Merchants, 187 McGill and 131 St. Peter Sts. MONTREAL.

WHEN From Constitutional Weakness, Impudent or Unavoidable Neglect or Exposure, or Culpable Indiscipline, YOUR HEALTH IS BROKEN DOWN, and you need a Tonic MEDICINE, you can not afford to experiment on yourself with untried Remedies.

USE Putner's Emulsion, which for the past twenty years has been endorsed by the leading Physicians of the Maritime Provinces as The Great Health Restorer.

TO HIRE. A first-class Horse and Buggy, also a Double-seated Phaeton. Enquire at G. G. JURY'S Jewelry Store, north side Queen Square, opposite Post Office, Charlottetown. Two (w f) 3m—may 25.

TINWARE—FOR—Creameries and Cheese Factories. The very best work guaranteed on all jobs for Creameries and Cheese Factories. WE MAKE A SPECIALTY OF THIS KIND OF WORK.

M. STEVENSON, MANUFACTURER OF Tinware, Stove Pipe, &c., 55 QUEEN STREET, CHARLOTTETOWN, P. E. ISLAND. All orders promptly attended to.

THE DAILY EXAMINER.

TERMS: Four Dollars a Year

"This is true Liberty, when Free Born Men, having to advise the Public, may speak free."—Euripides.

Single Copies Two Cents

NEW SERIES

CHARLOTTETOWN, P. E. ISLAND, OCTOBER 8, 1894.

VOL. 32—NO. 83

JOB PRINTING

OF EVERY DESCRIPTION.

Office Stationery

Display Work,

Such as Dodgers, Circulars, Price Lists, Posters, etc., done in the best style and at lowest rates

The Examiner Publishing Co., Queen Street, Charlottetown.

STOVES AND HARDWARE

No doubt about it, the "CITY HARDWARE STORE" is the place. We have yet to learn of a single

JEWEL STOVE OR RANGE

that does not give entire satisfaction. When you want a Stove get a "JEWEL."

R. B. NORTON & CO

Charlottetown, September 18, 1894—tu fri

INSURANCE—FIRE, MARINE, LIFE.

The undersigned represents the following first-class British Companies:

FIRE. North British and Mercantile Insurance Company. Union Assurance Society (1714). Manchester Fire Assurance Company.

MARINE. British and Foreign Marine Insurance Company. Reliance Marine Insurance Company.

LIFE. London and Lancashire Life Assurance Company.

Fire and Marine Policies all written here. Sterling Certificates, payable in any part of the world, issued on shipments. ALSO—The Nova Scotia Marine Insurance Company and the Dominion Burglary Guarantee Company of Canada.

OFFICE—Stampers' Block, Charlottetown. Agencies in all Towns and Villages. FRED. W. HYNDMAN. feb13—1 yr law (sat)

ARE YOU IN NEED

OF A Fall Overcoat

for the chilly evenings, and the cold weather coming?

We Have a Fine Range of Fall Overcoatings

in all the Fashionable Shades—Blue, Oxford, Fawn, Brown and Grey.

Anyone in need of a nice Overcoat should see these goods.

JOHN McLEOD & CO.

Charlottetown, September 12, 1894—m w f

Advertisement for Sunlight Soap featuring an illustration of a man washing clothes and text: "DON'T WORRY! TRY SUNLIGHT SOAP. IT BRINGS COMFORT ON WASH DAY."

SOLID BITS OF AIR.

FROZEN IN INTENSE COLD AND LOOKING LIKE ICE OR GLASS.

Prof. Dewar's Search for the Absolute Zero—Solidified Nitrogen and Liquidified Oxygen—How the Little Snowstorms in His Laboratory are Produced.

The search for the zero of absolute temperature is being steadily pushed forward at London, England. In the laboratory of the Royal Institution oxygen has been liquidified, nitrogen solidified and air reduced to a solid clear glass at a temperature of 316 degrees below zero, Fahrenheit. And now the world of science is looking to Prof. Dewar as the foremost explorer of the untraveled domains of extreme cold.

To illustrate the strange mystery of heat, let the reader imagine himself for a time in the laboratory of Prof. Dewar, viewing one of the simplest and the most striking examples of the work that is being carried on. The amount of heat that is required to produce great cold is the first paradox that strikes him. Instead of ice and freezing mixtures, he is confronted with two steam-engines, one possessing four big steel compressors, two large and powerful air pumps, and all the wheels, shafts and gearing which unite these powerful mechanical agencies.

The whole idea is pressure. Compression forces certain gases to become liquids, and when the pressure is removed and they are permitted to return to the gaseous state, they absorb from their immediate surroundings as much heat, generally speaking, as was lost in liquidifying them.

Nitrogen oxide gas is liquidified by a pressure of 1,100 pounds to the square inch. When it gasifies again, it creates a cold of 130 below zero. Within its chamber is a chamber of ethylene gas under a pressure of 1,800 pounds to the square inch, and on the removal of the ethylene gas from the chamber, the nitrogen oxide liquefies freely and is drawn off in quantity at a cost, including the waste, which is inevitably about 90 per cent, of perhaps \$500 a gallon. This is only a rough estimate, to be sure, but there is no doubt, all things considered, that \$500 a gallon as a selling price will have left no margin of profit if every quart of the beautiful pale blue liquid thus far obtained had been sold at this price.

This much is preliminary, and may not be new. Now, however, comes the simple but inconceivable strangeness of heat. A globular glass oxygen vessel, as round as a ball, is filled with the liquid. The narrow neck is open to the air, to prevent the explosion which would follow if it was confined and which would be similar to the explosion of a steam boiler with no valve. The oxygen slimmers quietly, protected from the heat of the room by the glass compartment about it, an outer glass chamber which is a perfect vacuum and conducts no heat. The liquid touches the air only at the neck, and the cold belt of extremely cold oxygen vapor at this point prevents any rapid evaporation.

A powerful electric light is now set in action beside the vessel, and the tremendous heat and light which it is giving off are sent through a lens, which bends the light and heat rays into parallel lines, and these are then sent through the oxygen. Their heat at the point of passage is great, far above the boiling point of water, say 300 degrees. The heat is so powerful that it is focussed by a burning glass, it will instantly set fire to wood or paper. This is the least effecting the liquid, and also, by a contrary instantly appears. The shape of the oxygen vessel is that of a burning glass, and it focusses the heat rays a short distance on the other side. A piece of paper placed in the focus instantly bursts into flame, and the heat, impervious to the coldest cold obtainable and after passing a barrier that is ten times as cold as ice, shows no diminution whatever in its flaming energy.

Tyndall varied this experiment somewhat and showed the wide difference between the heat and the light rays. He stopped the rays of light altogether by using a liquid which was impervious to that medium. No light came out of the other side, but the invisible heat rays passed through as rapidly as before, without in the least affecting the liquid, and, as if by a barrier that is ten times as cold as ice, shows no diminution whatever in its flaming energy.

These elusive and magical properties of heat cause some scientists to hesitate over dogmatizing concerning it, and make them loth to admit the probability of the absolute zero. This point, however, which is 461.3 degrees below the Fahrenheit zero, is so clearly indicated as a finality by the action of gases and metals subjected to lower and lower temperatures, that it is certainly a point in nature of very great importance. By many it is believed to be the extreme point of cold possible in the universe, the absolute starting point of the force we call heat. The ratio of the diminution of bulk by contraction in gases and of diminishing conductivity in metals points it out almost as eloquently as the needle indicates the microbarometer of the North Pole.

Prof. Dewar, who has carried working temperatures 150 degrees farther downward than anybody before him, is still 115 degrees distant from the great and ultimate end of his pilgrimage. He has gone as far as he can with the appliances which he has been able to devise, and knows it. To de-

THE BLOOD is the source of health. Take Hood's Sarsaparilla to keep it pure and rich. Be sure to get HOOD'S SARSAPARILLA. "See, there comes Hummel, I don't want to meet the man. Only last week I asked him to lend me 100 marks." "He might have given you the money, he's rich enough." "Well—um—the fact is, he did." Regular habits, careful diet or a course of Hood's Sarsaparilla, agent for a few weeks will give you a new lease of life.



KNOWLEDGE

Brings comfort and improvement and tends to personal enjoyment when rightly used. The many, who live better than others and enjoy life more, with less expenditure, are more promptly adapting the world's best products to the needs of physical being, will attest the value to health of the pure liquid laxative principles embraced in the remedy, Syrup of Figs.

Its excellence is due to its presenting in the form most acceptable and pleasant to the taste, the refreshing and truly beneficial properties of a perfect laxative, effectually cleansing the system, dispelling colds, headaches and fevers and permanently curing constipation. It has given satisfaction to millions and met with the approval of the medical profession, because it acts on the Kidneys, Liver and Bowels without weakening them and it is perfectly free from every objectionable substance.

Syrup of Figs is for sale by all druggists in 75c. bottles, but it is manufactured by the California Fig Syrup Co. only, whose name is printed on every package, also the name, Syrup of Figs, and being well informed, you will not accept any substitute if offered.

NOTICE.

LAND SURVEYING, &c.

The subscriber is now prepared to make Surveys of Land, run Boundary and Division Lines, furnish Plans, etc.; also, mechanical and architectural Drawings, Plans, Specifications and Estimates.

J. P. NICHOLSON, Land Surveyor, Pownall Street, Charlottetown, Aug. 25, 1894—di v w y

Leicester, Yorkshire and Plymouth Rocks.

In Leicester I have the best lot of ram lambs I have ever offered for sale, not a calf among them. All from prize winning and imported ewes, and sired by my imported ram "MacNeil," winner of the first prize at the Provincial Exhibition for three years in succession.

In Yorkshires I have a grand lot of young pigs of both sexes, from 2 to 7 months old, all registered.

In Plymouth Rocks a nice lot of young chicks. Write for prices, etc. Satisfaction guaranteed.

W. M. CLARK, North Wiltshire, P. E. I. sept21 wky 1m dy 2th oct

Grateful—Comforting.

Epps's Cocoa.

BREAKFAST—SUPPER.

"By a thorough knowledge of the natural laws which govern the operations of digestion and nutrition, and by a careful application of the properties of well-selected Cocoa, Mr. Epps has provided for breakfast and supper a delicately flavored beverage which may save us many heavy doctors' bills. It is by the judicious use of such articles of diet that a constitution may be gradually built up until strong enough to resist every tendency to disease. Hundreds of subtle maladies are floating around us ready to attack wherever there is a weak point. We may escape many a fatal shaft by keeping ourselves well fortified by pure blood and a properly nourished frame."—Civil Service Gazette.

Write simply with boiling water or milk. Sold only in packets, by Grocers, labelled 'Epps'.

JAMES EPPS & CO., Ltd., Homoeopathic Chemists, London, England.

THE SOCIETY OF ARTS

of Canada (Limited), MONTREAL.

CAPITAL STOCK, - - \$100,000.

A Society established with a view to disseminate the taste for arts, to encourage and help artists.

Incorporated by Letters Patent of the Government of Canada, the 27th February, 1893.

GALLERY OF PAINTINGS

No. 1666 and 1668 Notre Dame St., Montreal.

The richest Gallery of Paintings in Canada. Admission Free.

All the Paintings are originals, mostly from the French school, the leading modern school.

Eminent Artists, such as Francois Rochegrosse, Anquet, Baron, Pezant, Petitjean, Marius Roy, Scherrer, Sauczy and a great many others, are members of this Society. 68 members of this Society are exhibitors in the Salon in Paris.

Sale of Paintings at easy terms, and distribution by lot every week. Price of tickets, 25c.

Ask for our Catalogues and Circulars. aug29—m w f t

Provincial Loan.

PROVINCIAL TREASURY, Prince Edward Island, 25th June, 1894. Under authority of the Act of last Session, 57 Vic., Cap. 6, the Government of Prince Edward Island is now prepared to receive, from any person or persons, Temporary Loans, at 4 per cent. interest, on call or on such terms as may be agreed upon.

Broken in Health

That Tired Feeling, Constipation and Pain in the Back

Appetite and Health Restored by Hood's Sarsaparilla.



Mr. Chas. Steele, St. Catherine's, Ont.

"For a number of years I have been troubled with a general tired feeling, shortness of breath, pain in the back, and constipation. I could get only little rest at night on account of the pain and had no appetite whatever. I was that tired in my limbs that I gave out before half the day was gone. I tried a great number of medicines but did not get any permanent relief from any source until, upon recommendation of a friend, I purchased a bottle of Hood's Sarsaparilla, which made me feel better at once. I have continued its use, having taken three bottles, and I feel like a New Man."

Hood's Sarsaparilla Cures

source until, upon recommendation of a friend, I purchased a bottle of Hood's Sarsaparilla, which made me feel better at once. I have continued its use, having taken three bottles, and I feel like a New Man. I have a good appetite, feel as strong as ever I did, and enjoy perfect rest at night. I have much pleasure in recommending Hood's Sarsaparilla. CHARLES STEELE, with Erie Trevesing Co., St. Catherine's, Ont.

Hood's Pills are prompt and efficient, yet easy in action. Sold by all druggists. 2c.

ADAMS' TUTTI FRUTTI

Allow no limitations to be placed on you.

Farm For Sale.

The subscriber offers for sale his valuable Farm, containing about sixty acres. House is in good repair. There are six outbuildings, some are newly built. There are two orchards, one containing sixty trees of different varieties of fruit. Terms easy. One and a half miles from the city. Terms easy. C. BENNETT. sept15—m dy wky

Always Smoke THE SOMETHING GOOD CIGAR

It is Really Equal to any Imported. Take my Advice and insist on getting this 10 cent Smoke for 5 cents.

Physicians,

the world over, endorse it; babies and children like the taste of it. Weak mothers respond readily to its nourishing powers.

Scott's Emulsion

the Cream of Cod-liver Oil, is the life of the blood, the maker of sound flesh, solid bones and lung tissue, and the very essence of nourishment.

Don't be deceived by Substitutes! Scott & Bowne, Belleville, All Druggists, etc. &c.

CANADA ATLANTIC

Plant Steamship Line.

TO BOSTON.

Fast Direct Line, Not Calling at Halifax.

CHARLOTTETOWN SERVICE.

The S.S. "FLORIDA" will leave Navigation Co's Wharf, Charlottetown, FRIDAY, Sept. 28 (and every Friday thereafter until further notice), at 7 p. m. Halifax, Saturday, 10 a. m., arriving at Boston early Monday morning.

Returning from Boston every Tuesday at 10 a. m.

HALIFAX SERVICE.

The favorite steamships "OLIVETTE" or "HALIFAX" will leave Plant Wharf, Halifax, every Wednesday at 8 a. m., for Boston direct.

Returning, will leave north side Lewis' Wharf, Boston, every Saturday at noon. Passengers arriving in Halifax evening trains can go directly on board steamer.

Through Tickets for sale and baggage checked at Prince Edward Island Railway stations and Charlottetown Navigation Co. H. L. CHIPMAN, Agent for Canada, Plant Wharf, Halifax.

RICHARDSON & BARNARD, Agents, North Side Lewis' Wharf, Boston, sept8

Salt! Salt!

To arrive, per bark R. B. Peake, from Liverpool, due here about 15th October, 8,000 Bags Salt. Parties wishing to purchase can look, now at low rates.

PEAKE BROS. & CO. Charlottetown, Sept. 26, 1894.