

The Daily Examiner.

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NEW SERIES.

CHARLOTTETOWN, PRINCE EDWARD ISLAND, WEDNESDAY, OCTOBER 21, 1885.

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The Daily Examiner

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ments, on application.

ALMANAC FOR OCTOBER, 1885.

MOON'S CHANGES.

Last Quarter 1st day, 7h. 17m., a. m.
New Moon 7th day, 3h. 19m., a. m.
First Quarter, 15th day, 9h. 5m., p. m.
Full Moon, 23rd day, 5h. 19m., p. m.
Last Quarter, 30th day, 1h. 45m., p. m.

DAY OF WEEK	Sun rises	Sun sets	Moon rises	High water
1 Thursday	6 35	36 10	57 3	45 11
2 Friday	5 34	34 0	50 10	37 29
3 Saturday	4 32	32 0	43 37	29 22
4 Sunday	3 30	30 1	37 52	22 22
5 Monday	2 28	28 2	32 19	15 19
6 Tuesday	1 26	26 4	27 33	8 16
7 Wednesday	12 24	5 12	23 14	1 12
8 Thursday	13 22	6 22	19 52	6 9
9 Friday	14 20	7 29	17 28	6 6
10 Saturday	16 18	8 34	15 0	5 3
11 Sunday	17 16	9 36	12 50	5 0
12 Monday	18 14	10 34	10 41	4 56
13 Tuesday	20 13	11 26	9 20	4 53
14 Wednesday	21 11	12 14	8 0	4 50
15 Thursday	23 9	13 0	6 48	4 46
16 Friday	24 7	13 5	5 45	4 43
17 Saturday	25 5	14 2	4 40	4 40
18 Sunday	27 4	14 40	3 37	4 37
19 Monday	28 2	15 9	2 34	4 34
20 Tuesday	29 0	15 37	1 31	4 31
21 Wednesday	30 4	16 5	0 28	4 28
22 Thursday	31 5	16 35	0 25	4 25
23 Friday	32 5	17 10	0 21	4 21
24 Saturday	34 5	17 47	0 18	4 18
25 Sunday	35 5	18 24	0 15	4 15
26 Monday	36 5	19 0	0 12	4 12
27 Tuesday	38 4	19 8	0 9	4 9
28 Wednesday	39 4	19 10	0 6	4 6
29 Thursday	41 4	19 17	0 3	4 3
30 Friday	43 4	19 26	0 0	4 0
31 Saturday	45 4	20 0	0 0	4 0

NOTES.
The Duchess of Edinburgh's birthday, the 17th.
The battle of Trafalgar (1805) the 21st.
Sir Stafford Northcote's birthday (1818) the 27th.
In this month the mornings decrease 51 minutes; the afternoons 1 hour, 3 minutes.

THE RAILWAY TIME TABLE.

For the convenience of the travelling public, we have carefully arranged the following table of arrival and departure of trains on the P. E. Island Railway, according to local time:—

Going West.	A. M.	P. M.
Charlottetown	6 47	9 12
Royal Junction	7 02	9 47
North Wiltshire	7 37	10 39
Hunter River	7 47	10 55
Headlands	8 12	11 32
County Line	8 19	11 43
Freetown	8 29	11 59
Summerside	8 42	12 07
Kennington	9 07	12 57
Misconche	9 27	2 37
Wellington	10 01	3 29
Port Hill	10 29	4 20
O'Leary	11 22	5 42
Alberton	12 05	6 57
Tignish	12 42	7 47
From West.	P. M.	A. M.
Tignish	2 07	6 47
Alberton	2 45	7 57
O'Leary	3 29	9 02
Port Hill	4 20	10 29
Wellington	4 49	11 16
Misconche	5 07	11 44
Summerside	5 22	12 07
Kennington	6 07	1 49
Freetown	6 22	2 12
County Line	6 32	2 27
Headlands	6 38	2 37
Hunter River	7 02	3 15
North Wiltshire	7 12	3 32
Royal Junction	7 47	4 32
Charlottetown	8 02	4 52
Going East.	A. M.	P. M.
Charlottetown	7 07	4 17
York	7 43	4 44
Bedford	8 04	4 57
Mount Stewart	8 37	5 22
Morell	9 42	5 56
St. Peter's	10 15	6 17
Dear River	11 07	6 52
Souris	11 57	7 22
Mount Stewart	9 02	5 32
Cardigan	10 15	6 25
Georgetown	10 37	6 42
From East.	A. M.	P. M.
Souris	6 47	2 12
Dear River	7 17	3 02
St. Peter's	7 52	3 54
Morell	8 14	4 27
Mount Stewart	8 42	5 17
Bedford	9 12	6 14
York	9 26	6 35
Charlottetown	9 52	7 12
Georgetown	7 32	3 37
Cardigan	7 49	4 00
Mount Stewart	8 42	5 12

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THE "REAUME" PLOW.

The effect of the Jointer or Skim-plow, is to throw Grass, Weeds, Manure, Etc., into the bottom of the furrow where it is completely buried; and by dividing the furrow-slice, to more thoroughly pulverize the soil.



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Sod plow, and other
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Ch'town, Sept. 28—3aw wky

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GENTLEMEN!

1—New Shapes in Linen Cuffs and Collars.
2—New Stock of Fine and Stout Hosiery.
3—New Stock of Dent's Kid Gloves.
4—New Stock of Scarfs and Neckwear.
5—New Stock of Scotch Underwear.

6—New Stock of Canadian Underwear.
7—New Stock of Christy's London Hats.
8—New Stock Best Elastic Braces.
9—New Stock of Gents' Dress Shirts.
10—New Stock of Silk Umbrellas.
11—New Stock of Alpaca Umbrellas.
12—New Stock of Scotch Tweeds.
13—New Stock of English Worsteds.
14—New Stock of Tweed Suitings.
15—New Stock of Cardigan Jackets.
16—New Stock of Linen and Silk Handkerchiefs, Scarfings, Collar Studs, &c.

WEEKS & CO.,

MARKET SQUARE,
Ch'town, Oct. 5 '85.

AYER'S Hair Vigor

restores, with the gloss and freshness of youth, faded or gray hair to a natural, rich brown color, or deep black, as may be desired. By its use light or red hair may be darkened, thin hair thickened, and baldness often, though not always, cured.

It checks falling of the hair, and stimulates a weak and sickly growth to vigor. It prevents and cures scurf and dandruff, and heals nearly every disease peculiar to the scalp. As a Ladies' Hair Dressing, the Vigor is unequalled; it contains neither oil nor dye, renders the hair soft, glossy, and silken in appearance, and imparts a delicate, agreeable, and lasting perfume.

MR. C. P. BRICHER writes from Kirby, O., July 3, 1882: "Last fall my hair commenced falling out, and in a short time I became nearly bald. I used part of a bottle of AYER'S HAIR VIGOR, which stopped the falling of the hair, and started a new growth. I have now a full head of hair growing vigorously, and am convinced that but for the use of your preparation I should have been entirely bald."

MR. ANGELO FAIRBAIN, leader of the celebrated "Fairbairn Family" of Scottish Vocalists, writes from Boston, Mass., Feb. 6, 1880: "Ever since my hair began to give silver evidence of the change which begetting time procureth, I have used AYER'S HAIR VIGOR, and so have been able to maintain an appearance of youthfulness—a matter of considerable consequence to ministers, orators, actors, and in fact every one who lives in the eyes of the public."

MRS. O. A. PRESCOTT, writing from 18 Elm St., Charlottetown, Mass., April 14, 1882, says: "Two years ago about two-thirds of my hair came out. It thinned very rapidly, and I was fast growing bald. On using AYER'S HAIR VIGOR the falling stopped and a new growth commenced, and in about a month my head was completely covered with short hair. It has continued to grow, and is now as good as before it fell. I regularly used but one bottle of the Vigor, but now use it occasionally as a dressing."

We have hundreds of similar testimonials to the efficacy of AYER'S HAIR VIGOR. It needs but a trial to convince the most skeptical of its value.

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Sold by all Druggists.

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On the Old Sydney Mines,
Lingan and Victoria, C. B.,
—AND ON THE—
Albion Mines, Pictou.
G. W. DEBLOIS.
Ch'town, June 19, '85—tf.

The Daily Examiner

OCTOBER 21, 1885.

On the Western Shore.

BLOOMFIELD is just the pattern of a western station,—half a dozen whitened houses and a sawmill situated on the border of a swamp. We left the railway here and took the carriage road to Campbellton. It passes through much low and wet land, interspersed however with drier swells, shadowed with majestic forests, or golden with ripened harvest fields. There is much superior land in this western country, although swamps and batters abound in places, especially along the line of railroad.

We passed through some of these regular western barrens, and had an opportunity of studying their geological structure. They occupy broad, shallow depressions of the country, and are underlaid by a stratum of compact, impervious red clay, four or five feet in thickness. This does not form part of the regular boulder formation, but is a subsequent deposit resting upon the more open and irregular mass of common drift material.

TO RECLAIM THE BARRENS,
the first essential is to drain them. This will be most easily accomplished, in many instances, by sinking a number of holes through the red clay pan, so as to let the water off into the permeable strata below.

THESE BARREN CLAYS
are probably of the same age as the Leda clay of Canada, and were deposited when the land had sunk beneath the green depths of the frigid boulder sea. Ice floes and glaciers had done their work in depositing and kneading together the heterogeneous materials of the boulder clay, and now, in the silent depths of waters, in the very MIDDNIGHT OF THE GLACIAL SUBMERGENCE, the impalpable red sediment settled down to spread a level floor of plastic clay over the submarine depressions. It was at this time too, when icebergs careered at will through the open gulf, that the travelled blocks of granite, greenstone, quartzite and other primary rocks were scattered over the surface of our Island. The western parts of the Island received an unusual share of these, because it was in the line of the northern drift current which then passed out over the low isthmus of Chignecto.

Among the low scrub of birch and willow on the barrens, I saw a number of yellow Redpolls. These birds are rare in the Island generally, though abundant in the neighboring Provinces. There must be something in barren life that suits these yellow vested dainties. Flocks of Tit-larks were also on the shore fields.

CAMPBELLTON
is a straggling village, with some neat dwellings and a number of fish buildings scattered round a shallow inlet of the Western shore. The country round is flat and uninteresting. But the well-cleared farms, the tidy residences in the village, and the general stir of the fishing business make this hamlet by the sea home-like and not unattractive.

Mackerel fishing is briskly pursued in the cold though turbid waters of this coast, and there are twenty lobster factories from North Cape to West Point. We went to

THE SHORE,
a little north of Campbellton and pursued it six miles to Morningside. The coast runs nearly in a line with the strike of the strata, and horizontal bars of red sandstone and shale run all along the straight unbroken line of cliffs, ranging from thirty to sixty feet in height. There is a slight inclination of the beds inland, for this coast is on the eastern side of a great anticlinal, which extends its whole length, crosses the Straits into New Brunswick, and runs away to the southwestern part of that Province. The finer sandstones and shales here contain many

IMPRESSIONS OF FERNS,
cordates and branchlets of walchia. Some of them are like fine steel prints, and prints they are—nature prints, executed long ages before Faust thought of arranging his rube blocks to imitate the fertile human art.

The most abundant fern is *Peperis arborescens*. It was a large, thick-leaved fern, and left very distinct impressions of its rigid, triply pinnate fronds. I saw remnants of a frond ten feet long and four feet broad. There are also species of *Cyclopteris*, *Neuropteris*, *Sphenopteris* and *Alethopteris*.

THE CYCLOPTERIS
was a very beautiful, delicate fern, with large rounded pinnules, marked by the most exquisite system of curved veinlets concentrating in the line of the midrib, as regular as the turned lines on the back of a watch.

The *Sphenopteris* was a very distinctly marked fern, with crowded, sphenoid, obovate pinnules, curved gracefully towards the midrib. We have no modern ferns of equal beauty with these; and yet they belonged to an age in which some men tell us living forms were yet imperfect, and but partly developed!

I had spent all the afternoon on the wind beaten shore. With the strong westerly breeze, the whole coast was a seething mass of foaming breakers, tearing up the red mud far out from the shore. Not a fishing sail had dared to leave shelter that day. And when the sun, with a faint glimmer of golden light, had sunk beneath the wild sea horizon, and twilight shadows darkened over headland and sounding shore and restless deep, and the west wind lulled with depart day, I retreated to seek a comfortable rest in one of the hospitable homes of this thriving district.

The whole of the next day I was on the shore among its

LOVELY ANCIENT FERNS.
Sometimes a slab of stone would turn up, completely covered with the close set rigid leaflets of a great *Peopteris*. Again the

Holstein Cattle.

To the Editor of the Live Stock Journal.

Sir,—Being deeply interested in Dairy Cattle, I have been at a loss to understand why the Dutch breed, known here as Holstein, has not succeeded in England. We have thoroughly tried the various dairy breeds here, including Jersey, Guernsey, Ayrshire, Shorthorn, Devon, Swiss, &c., but have none equal to the Dutch in producing milk, cheese and butter. A Holstein cow, Mercedes, won the championship prize cup, with her record of 99 lbs. 6 ozs. of unsalted butter in 30 days, competing with all breeds and grades. Though some Jersey records for short periods are unsurpassed, none of them have ever made 207 lbs. 3 ozs. in 60 days, nor 304 lbs. 5 ozs. of unsalted butter in 90 days, both of which records were made by Aggie, a Holstein. She averaged 1 lb. of butter to 2 1/4 lbs. of milk during the entire 90 days. I enclose other records which may be of interest to your dairymen.

DUDLEY MILLER.
Oswego, N. Y., August 28th.

(We print the records sent by Mr. Miller, and we would be glad if some of our readers would kindly favor us with their experiences of the Dutch cattle.—Ed. L. S. J.)

Mr. Dudley Miller, of Oswego, N. Y., who is thoroughly familiar with the topic on account of his official position, being Holstein Inspector of all imported cattle offered for registry in the Holstein Herd Book, furnishes the *Republican* with the following reliable data on the subject of Holstein cattle:—

"This breed of cattle imported from Holland, which is attracting so much attention, is remarkable in that it is profitable, first, as a milk producer; second, for the manufacture of cheese; third, for butter; and last, but not least, for beef. These four paying qualities are possessed by the Holstein breed to a greater degree than any other, which has been clearly demonstrated by men who have bred it with perseverance and intelligence. The following records made by animals of the Holstein breed are unsurpassed:—Jamaica, 112 lbs. milk in 1 day; Etelka, 101 lbs. in 1 day; Empress (Holland record), 109 lbs. in 1 day; Echo, Agis, Johanna, Odine, and many others from 80 to 90 lbs. in a day. Thomas B. Wales, Jr., cow, Mercedes, won the championship of the world in producing 99 lbs. 6 ozs. of butter in 30 days. Mr. Wales Jaap 4th, weighed 1,200 lbs. at 11 months old, and made at the time the greatest gain in live weight on record, viz., 5 1/2 lbs. per day for 30 days in succession. Mr. E. A. Powell reports Rugby Prince as gaining 148 lbs. in 21 days, an average of over 7 lbs. a day."

An importation of Holsteins was made in 1869, selected in Friesland by the writer, consisting of the bull, Hollander, and the cows, Dowager, Crown Princess, and Fraulein. These animals and their descendants have made the following record:—

Name.	One Day.	One Month.	One Year.	Live Weight.
Dowager	62 1/2	1,565	12,631	1,225
Crown Princess	76	2,081	14,027	1,225
Fraulein	70	1,573	8,558	1,202
Echo	83	2,369	23,774	1,810
Agis	82 1/2	2,289	16,823	1,65
Jamaica	80 1/2	1,439	13,880	1,56

The bull Uncle Tom won the first prize at the New York State Fair four years in succession. Echo's milk record for one year is the largest ever made. Empress's milk record for one year is next to Echo's, being 19,714 lbs. 4 ozs. Empress was purchased in Holland by G. S. Miller in 1879, assisted by the writer. All the above are prize winners, except Empress, who was never exhibited.

Little Rich Men.

The late Emory A. Storrs was once being chaffed by a party of millionaires, when he said: "You rich fellows appear to think that money making is an intellectual process, and that the wealth acquired by you proves that you are very superior men. You are very much mistaken. There is nothing intellectual in acquisitiveness. It is merely an animal trait. It is less highly developed in you, gentlemen, than it is in a chipmunk. The beaver is in every much your superior in this regard. Where are the rich men in history? There are two who live in legends—Dives, on account of his fortunate connection with a pauper, and the other, Croesus, because his name has been used by poets as a synonym for great wealth. Gentlemen, where are the stockholders who built the Pantheon? Doubtless in their day they sat around in Athens and spoke of the fine work Phidias was doing for them. But, gentlemen, where are the stockholders today, and where is Phidias?"

The Slaughter of the Innocents.

Last week there died in Montreal, from smallpox alone, 280 persons. Of these, 195 were children under 5 years of age, 53 between 5 and 10 years, forming a total number of 248 small children. This is a fearful story to tell, but it is a weekly occurrence and not an exceptional instance. When we consider that the great majority of these little children were not vaccinated, surely we are justified in laying the cause of death at the door of their parents, who, to maintain a theory cruelly forced upon them by medical mountebanks and charlatans, have neglected to use the only safeguard against a disease known to science. Parents have a great responsibility resting on their souls. Their offspring are too young to know what they should do. By not having their little ones properly vaccinated fathers and mothers are openly sacrificing their own flesh and blood to the destroyer.—Ex.

GREAT bargains in Ready-made Clothing at J. B. Macdonald's oct17