

CALENDAR FOR AUGUST, 1894.
New Moon, 1st day, 8h 11.7m, a. m. S. E.
First Quar 8th day, 6h 52.5m, a. m. N
below horizon.
Full Moon, 16th day, 9h 4.5m a. m., N
E. below horizon.
New Moon, 30th day, 4h 52.0 m. p. m.,
S. W.
Last Quar 25th day, 4h 54.5m. p. m., N

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 SER *separate read. room* CHARLOTTETOWN, P. E. ISLAND, MONDAY, AUGUST 20, 1894. VOL 34.—NO. 42

Day of Week	Sun rises	Sun sets	High water
1 Wednesday	4 47	7 25	11 1
2 Thursday	4 48	7 25	11 41
3 Friday	4 49	7 25	11 41
4 Saturday	4 50	7 25	11 41
5 Sunday	4 51	7 25	11 41
6 Monday	4 52	7 25	11 41
7 Tuesday	4 53	7 25	11 41
8 Wednesday	4 54	7 25	11 41
9 Thursday	4 55	7 25	11 41
10 Friday	4 56	7 25	11 41
11 Saturday	4 57	7 25	11 41
12 Sunday	4 58	7 25	11 41
13 Monday	4 59	7 25	11 41
14 Tuesday	5 00	7 25	11 41
15 Wednesday	5 01	7 25	11 41
16 Thursday	5 02	7 25	11 41
17 Friday	5 03	7 25	11 41
18 Saturday	5 04	7 25	11 41
19 Sunday	5 05	7 25	11 41
20 Monday	5 06	7 25	11 41
21 Tuesday	5 07	7 25	11 41
22 Wednesday	5 08	7 25	11 41
23 Thursday	5 09	7 25	11 41
24 Friday	5 10	7 25	11 41
25 Saturday	5 11	7 25	11 41
26 Sunday	5 12	7 25	11 41
27 Monday	5 13	7 25	11 41
28 Tuesday	5 14	7 25	11 41
29 Wednesday	5 15	7 25	11 41
30 Thursday	5 16	7 25	11 41
31 Friday	5 17	7 25	11 41

THE DAILY EXAMINER
THE LEADING DAILY NEWSPAPER
OF P. E. ISLAND.
Published 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......75
THREE MONTHS.....50
ONE MONTH......25
Sent post paid to any part of Canada or the
United States.

ADVERTISING RATES
For small advertisements which are ordered
for only one or two weeks the charge is 2
cents per inch for the first insertion, and 1
cent for each continuation. Rate cards are
furnished on application at the office. Special
contract prices at a reduced rate are quoted
for advertisements four inches in size or
larger, which are to run for three months or
longer.
No special notices inserted unless paid for
at the rate of 10 cents per line, and under no
circumstances will such paid notices appear
in the local column.
Special discounts made on all advertise-
ments connected with Church Fairs, Bazaar,
Fleets, etc. No notices will be inserted with
the same unless the regular rate of 10 cents per
line is paid.
That THE EXAMINER is considered by our
Merchants and Manufacturers to be the lead-
ing newspaper in P. E. Island, and conse-
quently the most valuable advertising medium
through which to make their announcements
public is abundantly proved by the fact that
in order to accommodate our advertisers we
have been compelled to enlarge the paper to
its present size.
THE DAILY EXAMINER is for sale by the fol-
lowing agents:
R. H. Mason, Post Office, Charlottetown.
W. M. G. Giffin, independent.
C. Paul, Lower Spring Park Road.
W. M. Giffin, independent.
S. Grey, cor. Water and Prince St.
D. Chappell, Prince Street.
R. J. McNeil, Queen Street.
Geo. Carter & Co., Queen Street.
Geo. News, New Site, P. E. I. Railway and
on the island.
J. E. Walsh, Eclectic Bookstore, Stan-
ford.
Portland, Souris.
Hon. D. Gordon, Georgetown.
D. A. Ryan, St. Stewart.
G. M. Albertson.
A. J. McNeil Stanley Bridge.

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

Collegiate School for Boys,
WINDSOR, N. S.
106th YEAR.
HEAD MASTER—Mr. H. M. Bradford, M. A.,
Cambridge.
RESIDENT ASSISTANTS—Mr. G. M. Ack-
ton, B. A., Cambridge; Mr. Lawrence
Gent, B. A., Oxford.
with a large staff of visiting Professors.
The school possesses a well equipped gym-
nasium, with instructor in attendance daily;
also large music room, play room, library,
reading room, sewing room, painting studio,
The buildings are lighted by electricity and
heated with hot water.
Junior boys receive every care from the
Lady Matron.
Pupils are prepared for business life or for
pursuing a course of study in any of the
universities.
Michaelmas Term begins THURSDAY,
September 6th.
Circular for 1894-5, with full particulars,
can be obtained from the Head Master.
[Circular enclosed.]

TO HIRE.
A first-class Horse and Buggy, also a
Distinguished Porter. Enquire at G. G.
JURY'S Jewelry Store, north side Queen
Square, opposite Post Office, Charlottetown.
Zaw (w) 3m—may25

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.
ap20—17

REMOVED!
I have removed my Book-
binder to the Shop next to
A. E. McEachern's Boot Store,
two doors below Weeks &
Beer's Old Stand, Queen St.,
where I will be pleased to see
all my customers.
J. D. TAYLOR.
ap30—17

"The Rain it Raineth Every Day."
What a comfort it is to walk down town in the
morning wrapped in the luxurious embrace of a
RIGBY POROUS WATERPROOF COAT,
all dry and comfortable, while those of one's less fortunate
friends shiver and endure the old style of waterproof gar-
ment. But people are rapidly becoming educated to better
things, and the cold, clammy, air-tight rubber waterproof
is fast disappearing.
dy & wky—jun9

BINDER TWINE.
RED CAP, 7 cents per pound.
BLUE RIBBON, 8 cts.
For Cash Only at
DODD & ROGERS,
Wholesale & Retail Hardware.
Charlottetown, July 26, 1894.—to this sat

PUTNERS
IS THE BEST TAKE NO OTHER.
EMULSION
The beautiful watering place has been
much improved this season, so to make
it as enjoyable as possible.
Still-water and surf-bathing, croquet and
lawn tennis, boats and fishing, beautiful
shady walks and avenues. Terms very
moderate.
Address,
JOHN NEWSON & CO.,
June 30 Charlottetown, P. E. I.

OVERCOATINGS
—AND
ALL OUR SPRING SUITINGS
NOW IN.
Now is the Time to Order Your Spring Suit
JOHN MACLEOD & CO.
Charlottetown, April 23, 1894.—w f

HAWKER'S
CATARRH
PAINLESS CURE SAFE SURE SIMPLE
EFFECTUALLY CURES CATARRH, COLIC IN THE HEAD, CATARRH HEAL-
DISEASE AND DYSPEPSIA, INFLUENZA, ETC.
Sold everywhere. Price, 25 cents. 11% by THE W. W. W. MEDICINE CO., Ltd., St. John, N. B.

RUN DOWN WATCHES.
Patronize Watchmakers of recognized
ability. We make a specialty of bringing
Fine Watches to keep close time.
Special attention given to Railroad
Men's Watches.
Correct time your watches will keep if
we repair them. Watches and Jewelry at
lowest prices in the city.
G. G. JURY,
North Side Queen Square, Opposite Post Office.
Charlottetown, August 1, 1894.

"I speak not out of weak surmises,
but from proof."
LARD MUST
GO.
since COTTOLENE has come to
take its place. The satisfaction
with which the people have hailed
the advent of the New Shortening
Cottolene
evidenced by the rapidly increas-
ing enormous sales is PROOF
POSITIVE not only of its great
value as a new article of diet
but is also sufficient proof of the
general desire to be rid of indig-
estible, unwholesome, unappet-
izing lard, and of all the ills that
lard promotes. Try
Cottolene
at once and waste no time in
discovering like thousands of
others that you have now
NO USE
FOR LARD.

DR. J. P. MURRAY,
DENTIST,
Queen Street, --- Charlottetown
may30

THEY DON'T AGREE.
POND'S EXTRACT
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POND'S EXTRACT

INSTANT RELIEF
from
STING OF MOSQUITO
BITES
Heat of SUNBURN
USE POND'S
EXTRACT
The universally recognized
Specific for
PILLS (See directions
with each bottle).
FOR ALL EXTERNAL WOUNDS AND
LIFE OF WOUNDS. A WOODBURY
Bath the Aching Head or
the Swollen Feet with POND'S
EXTRACT. What comfort!
When the mosquitoes send stings to do
their work, then use something "just as
good" in place of Pond's Extract. But when
the mosquitoes come themselves, use nothing
but genuine Pond's Extract. Made only by
POND'S EXTRACT CO., 16 Fifth Ave., N. Y. City.

What's the time?
If you have a Cough
it is time you were taking
GRAY'S RED
SYRUP OF
SPRUCE
GUM
THE OLD STANDARD CURE
FOR COUGHS, COLDS,
ASTHMA and ALL LUNG AFFECTIONS.
Gray's Syrup has been on trial for more than
60 years and the verdict of the people is that
it is the best remedy known. 25c and 50c
per bottle. Sold everywhere.
KERRY WATSON & CO., PROPRIETORS
MONTREAL.

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
Nos. 1666 and 1668 Notre Dame St.,
Montreal.
One of the highest Galleries of
Paintings in Canada.
ADMISSION FREE, from 10 o'clock
a. m. to 4 p. m.
All the Paintings are originals, mostly
from the French school, the leading modern
school.
Eminent Artists, such as Francois
Boisjoubert, Anquetin, Baras, Pesant, Petit
jean, Marius Roy, Scherrer, Sauzy and a
great many others, are members of this
Society.
Sale of Paintings at easy terms. Next
distribution of Paintings between the
Society and Scripsholders on August 15th
22nd and 29th.
Price of Scripium 25cts.
Ask for Catalogue and Circular.
H. A. A. BRAULT,
jan17—mwf Director.

ABSOLUTE ACCURACY.
AN ENGLISH ASTRONOMER'S DEVICE
BY WHICH HE WOULD SECURE IT.
An Astronomical Clock With Photography
as its Basis—The Conditions Upon Which
the Perfect Clock May be Attained—
Secondary Corrections of Error.
Photography is the basis of the new
astronomy but if the photographic
plate is not a more accurate observer than
the eye, it makes a demand peculiar to
itself for increased delicacy and accu-
racy of instrument—the text of the
first part of Sir Howard Grubb's
lecture last night at the Royal Institution.
To take the simplest of his in-
stances. Suppose the eye is observing a
star with a view to taking its meas-
urements, and the star moves off the
cross lines of the telescope—why, then,
of course there is nothing simpler than
to shift the telescope and bring the
star back into the field again. But sup-
pose a photographic plate is at the eye,
then it must always receive ex-
actly the same impression of the star.
The telescope must move by clock-
work with the star so that the star al-
ways appears in exactly the same position
on the plate. In the photographic
method the record of the observation is
not that of any one moment—it is the
aggregate of all the impressions made
every second and every part of a second
during the exposure. The photographic
plate, unlike the eye, takes note and
records every position of their image, and
not the one selected position, as the
eye does; hence it is easy to see the
great necessity of having the utmost
possible perfection in the clock driving
arrangements. In other words, if the
star "moves" and the plate does not, the
impression on the plate will be a
streak and not a defined image.
The Perfect Clock.
The very first condition, therefore, for
accuracy in the instruments of the fu-
ture is the perfect clock—it is the neces-
sary, though not the sufficient, condition.
An astronomical driving clock must
have a continuous motion; it must
have a stability far beyond that neces-
sary for ordinary work; and the slow
motions must be extremely perfect. Sir
Howard Grubb had brought a perfect
clock with him. It was a massive, com-
plicated arrangement, looking less like
a clock than a calculating machine; and
roughly speaking it combined the prin-
ciple of a pendulum clock with that of
the rotating wheel clock. The wheel
clock, a good friend of the astronomer,
goes uniformly from second to second,
"but," said Sir Howard, "no uniform
motion clock that I ever met with can
be depended upon for long periods. This
one can be depended upon to about one
second in 600" which is to say that it
is a perfect clock for ten minutes. But
one of the star plates shown last night
had suffered an exposure of twelve
hours; and for this another agency is
operating in the instrument, the
pendulum. A pendulum properly
hung is absolutely reliable; it changes
its period never. So what is done is to
make the pendulum correct the motion
of the rotating wheel once a second.
There are electric currents made
and broken by the pendulum at every
swing, and there are three electric con-
tacts with the axis of the driving clock.
They are so arranged—it is impossible
to describe the details—that the motion
of the star plates shown last night
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