NEW BRUNSWICK HISTORICAL NEWSPAPERS PROJECT

Leah Grandy (UNB Archives & Special Collections)

Mike Meade (Manager, Digital Imaging)

Leremy McDermott (Senior Web Developer)

 Jacob Sanford (Senior Technical Operations Manager)

Jeff Carter (Manager, Systems Group)









SOMETHING FOR EMERYONE

Academics and researchers

Public



 World's largest New Brunswick newspaper collection

 UNB has been digitally preserving newspapers since 2010 from print and microfilm

FORMATS

WITHIN NBHNP



JUST PUBLISHED, In 32 pages 8vo. (small type) price One Shilling, And for Sale at the Star Office, at the Book-Stores of Mestre, Republis, and M. Milliss, and ut Browne's Music Salcout-

FULL-LENGTH PORTRAIT

November 30,1824.

Miniature Almanack.

MAY 1825. Rises | Sets. s. S. SEA



March 1910

March 08, 1910 Volume 14 No. 203

The Daily Mail.



March 09, 1910 Volume 14 No. 204



March 10, 1910 Volume 14 No. 205



March 11, 1910 Volume 14 No. 206



The Daily Gleaner (Fredericton, NB)

y 3, 1956 - July 4, 1957

April 1910

LL Persons having any legal demands against the Estate of Groone Fours, late of Swansulle, near Belfast, deveased, are requested to present the same sluly attended, within Srz Months from this date; and all those indested to said Estate are requested to make immediate payment to Louis and Carleton, March 29.

Carleton, March 29.

Administrator.







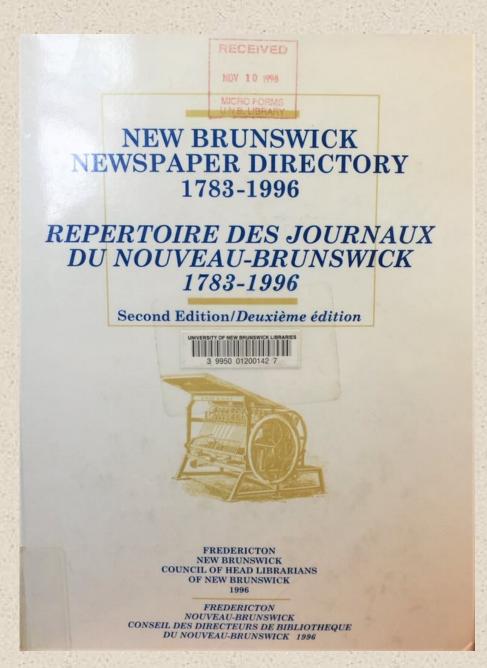
LATEST LAST PROECT ITERATION

Remember when microfilm was the future?

There will be no DVD release or Blu-ray box set

Renewed Partnerships:

- Provincial Archives of New Brunswick
- Council of Archives New Brunswick



Provincial Archives of New Brunswick

Search | Exhibits and Education Tools | Research Tools | About PANB

New Brunswick Newspaper Directory

Foreword Preface Introduction Notes Illustrations Search

This directory contains 697 newspaper listings.

View newspaper

Acadie dimanche, Moncton

Or click a link below to view an index:

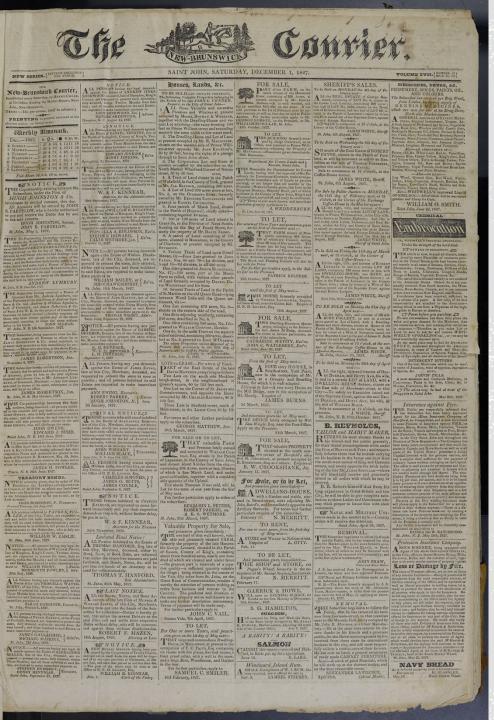
- · View index by Place
- · View index by Publisher
- · View index by Chronological Order

Documents available:

Publishing History

This *PDF file shows the publishing history of the newspapers arranged by place.





PROJECT STATUS

- Index of over 1,075 New Brunswick titles
- Updated holdings for all (ish) microform and print copies
- 350 new titles discovered and added
- Approximately 120 digitized fulltext titles with ongoing imaging (plus links to other online sources)
- New partnership with Canadiana/CRKN to share digitized content

NEWSPAPERS.LIB.UNB.CA



MATERIAL CONDITIONS



LASTERE

1, 1908.

INATE GIRL MPTED SUICIDE

Will Carry Out Her

one being marin the city, She arning her living as been betrayed the city and to e decided to kill just as soon as the police station intention as she

be of unbalanced atly worriedion, has taken up ing inquiries into nother will be loand made aware

LIQUOR STEALING CHARGE WAS DISMISSED TODAY

SERIOUSLY WOUNDED BY DISCHARGE OF RIFLE

Probably Another Fatality Near Parrsbore

the waters of the miles from Parrsboro yesterday after- steamer Monmouth ket Wharf. He was shooting. Durning was some distance defence. ie girl standing on behind Davis when he slipped on some | George Campbell was cross-e wharf. The officer ice, the gun he was carrying being ac- by Mr. Taylor and said that the gin

secretary of the Depositors of Chiyoda Bank Request and a half in the afternoon witness the President to Commit Hari-Kari.

The Three Men, Amburg, Fulton and Campbell, Found Not Guilty of Taking Gin From

rosy cheeked girl, 19 AMHERST, N. S., April 1.—News has captured last night just been received here this morning George Campbel', Wm. Fulton and es while attempting of what may prove a fatal accident Joseph Amburg, who were arrested on by jumping off the which happened at Five Islands, ten suspicion of stealing gin from the noon. Austin Davis may lose his life. resumed in the police court this mornity of 11.30 o'clock Davis and another young man named ing. F. R. Taylor appeared for the happened to pa- Harold Durning were on the marsh prosecution and J. B. M. Baxter for the

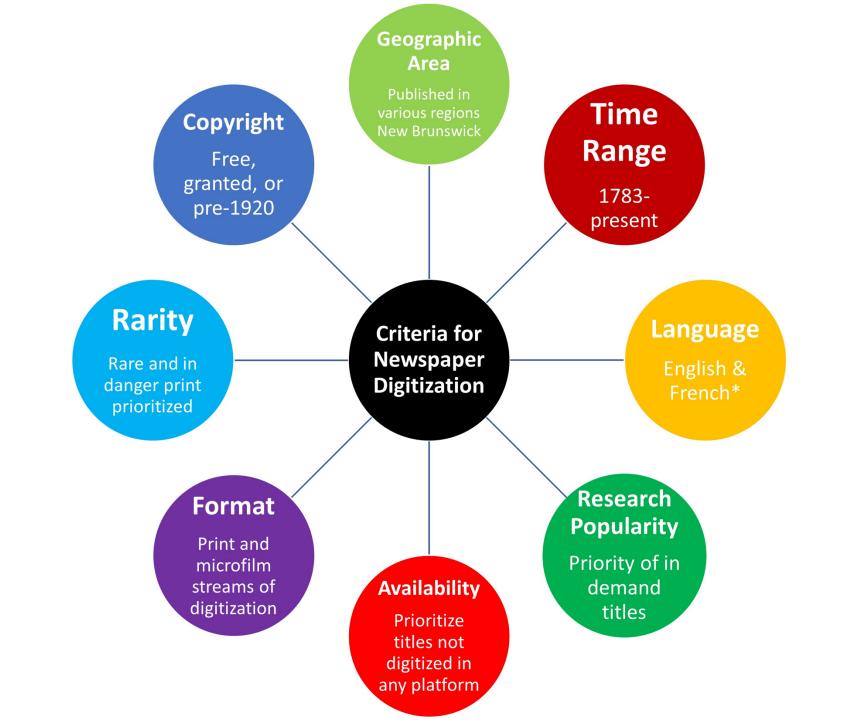
under arrest and cidentally discharged, and the shot was discharged between eleven and ndering about and lodging in Davis' back. Davis was twelve o'clock; the officer in charge ctory account of carried home, losing a great quantity thought all the liquor had been disof blood on the way. The bullet has charged when witness told him to be she came from been removed, and reports later say sure and on a search being made an the patient is doing well as can be ex- other case of gin was found behind a couple of cases of furniture. Amburg did not say that he put the case of gin behind the crates, or that he put the bottle in witnesses' pocket. When witness returned to work at one o'clock Sunday afternoon the refrigerator doors were open and he saw no one around there. The crew go to dinner at one o'clock; some of them were working about the ship's hold all morning but he did not see any of them about the refrigerator. During the first hour was working in the lower hold, and then he returned to the refrigerator to

Alex. McGinnis saw that the gin was discharged in the morning and was



the floor after imaging





FUN TINDS



The Frederic

TO THE PUBLIC.

I' din confront using in profit of pasis I gry deal dense the gaming materials solven." Investigation his groufful adhorately negati to the I' the Telegraphy, for the antengament all only or

salest, and allows them, the spiring during ways per just per per to record the Berlin should not instantially in transacts, income that offers, that he may not find it is it includes instantians, by been that offers, that he may not find it is it includes instantians, by been seen from of them to the state of the state of the state of the same from of them to them have no the ownerform of the returns and the otherwise of its matter, must be employed upon a set of the present of the state of the state, but not the order of the state of the state of the state, the time the state of state of the state of the state of the state of the state of state of the state of the state of the state of the state of state of the state of the state of the state of the state of state of

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experiences of the Telephares.

27 THIS Paper is patched easy Statellay.—The plus
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partied to finance that papers without days.
To accommodate Subjection, being at a different in well as

will be a referential the title whole faither-price.

Frompy Payment only one now consilient you make this elichtishment possessor; and as the Efrice is young in the served or in habitally, and therefore are possible of the faitheat and observant which other payme possible, he uncollimath hopes him friends will enough with the request.

to in expedient their all pollege on Lesson will be paid by the wilder.

Abburdifuseum of concern fire, will be inferred at the rate of the Police for the field, and Eighnen powerfor each featureling principle.

PARTICULAR NOTICE.

THOSE Constants in Street Country, with where
Bills of arrows tone for the Reveas Gazarre,
have been deposited, are respellfully reported to forwar

TO DELINOTENT MUSICAIDERS.

P Their Furhas who have noticed the Royal even for former days, exhibit-ploying a forting, the result of the same of George the Third, by the Orne of One, and the mid of so much.

YEEN STAM. Princing Con. Sc. Jules, (N. P.) and July, 1808.

BLANKS of various kinds may

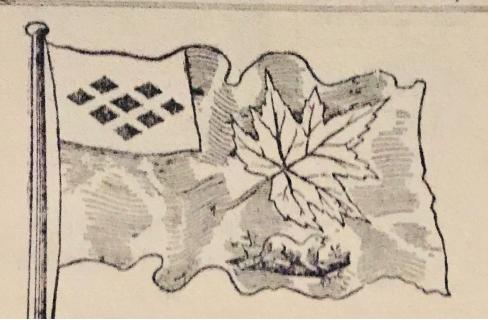
The only Paper in the World, so far as we know, Printed by a Men with the Fresh

The Canadian Democrat.

Von 1 80 XII

FREDERICTON, N. B. MAY 1901

15 Crs. Pen Yvat, I Char a Copy



BARKER HOUSE.

F. B. Coleman, Prop

QUEEN SI, FREDERICTON

Thoroughly up-to-date in every particular and fully abrewtof the Times.

Heatquarters for Tourish and Commercial Travellers.

OR. ORGAN:

BERANCE ORGAN.

WRITY AND FIBELITY.

W. R. M. BURTIS, Esq Edi

LADY.

| ATT | www one univery. There ever hash, he said, a source with some charles are the said of t

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salogother as wellbe issue entirely a produced by the second of the se

when the search were a second of Fernander o

oes—her dark-brown winnies unbeam sunbeam, surewinishle an expression—her
ightful brow, beneath which
per bright blue eyes—bright
her bright blue eyes—bright
where a sunbeam then?

her bright object were white I was nothing where Amer





DIGITIZATION PROCESS



DIGITIZING FROM PRINT

- Initially, Atiz Bookdrive Pro
 - two Canon 5D Mark II cameras.
- 2012 purchased a second Atiz unit
 - Nikon D800E cameras to be able to capture newspaper images at 300PPI
- 2021 UNBSJpurchased a Zeutschel Omniscan OS 12000 (A-1 paper size) to assist with newspaper digitization



BRITISH PAPERS FEATURE SCANDAI

To Tie up Every Port

ish Haste to Clear Cargoes Before the Blow Falls - Deadlock Has Existed Since February 1st - Little Hope of

Old Country Threaten

hipping Companies Working Today With Fever-

Editorial Reference on Thursday Charging Him Followed by That Action-P. J. Hughes, K.C.,

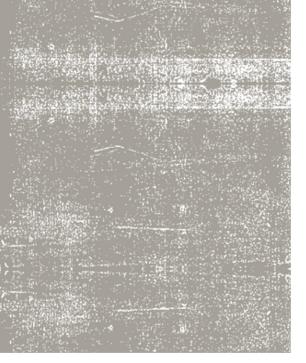
RETRACTION FROM GLEANER OR SUIT FOR LIBEL WILL BEGIN

SCANDALMAY WILL PLAY IN FOREIGN FIELD Dock Laborers in the

London Paper Says It Has Altered Whole

SAYS IDEAS ARE VAGUE

MACDONALD







DIGITIZING FROM MICROFILM

- 2014 Nextscan Eclipse microfilm scanner as part of BNI contract
- completed 3 million pages of Brunswick
 News International material in just over 4 years



QUALITY CONTROL

- Image quality enhancements
 - Cropping, rotating and scaling
 - Surrogate generation
 - Can be a bottleneck
- Directory/File structure for ingest
 - Parent folder for titles
 - Unique folder for each issue
 - Images named with page numbers



IMAGE METADATA

```
define('ISSUE_DATE', mktime(0, 0, 0, 20, 7, 1878));
define('ISSUE TITLE','The Penny Dip');
define('ISSUE VOLUME', '1');
define('ISSUE ISSUE', '28');
define('ISSUE EDITION', '');
define('ISSUE_SUPPLEMENT_TITLE', '');
define('MISSING PAGES', '');
define('ISSUE ERRATA','');
define('ISSUE CONTENT MODEL PID', 'newspaperIssueCModel');
define('PAGE_CONTENT_MODEL_PID', 'newspaperPageCModel');
define('ISSUE LANGUAGE', 'eng');
define('SOURCE MEDIA', 'print');
// ** Save this file as metadata.php
```

- Issue level metadata:
 - Publication date
 - Title
 - Volume/Issue number
 - Alternative titles (supplement or section)
 - Errata



POST-SCAN INGEST PROCESS

Custom Processing Script

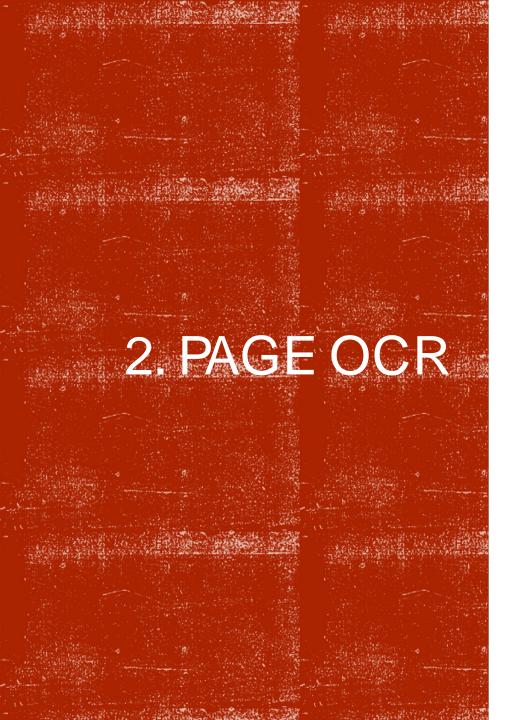
- 'Systems Toolkit'
 - https://github.com/unb-libraries/systemstoolkit
- PHP / Robo Framework

Steps:

- Issue Discovery
- Page OCR
- Issue Creation, Page Ingest
- DZI Tile Generation
- Issue Audit



- Search path for all subfolders that contain a metadata file
- Search for all images in that folder and consider them to be each a page from that issue.
- Check if each image has an associated tesseract .hocr file generated. If not, the image is queued for OCR with Tesseract in a later step.
 - This is done to optimize core usage some issues have a small number of pages
- Convert the metadata to JSON format for assertion to the Drupal REST API.



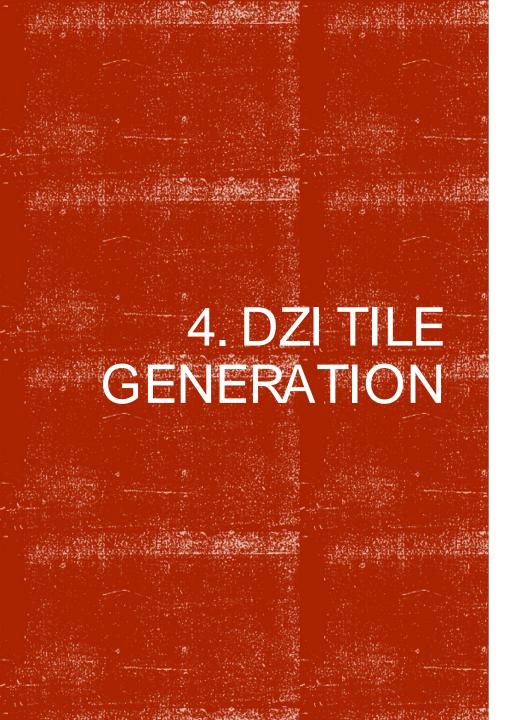
- Tesseract 5.x, run in Docker
 - https://github.com/unb-libraries/docker-tesseract
- Operates on all queued images to generate
 OCR for each page.
- No issue creation is done in the REST API until all issues have OCR complete.



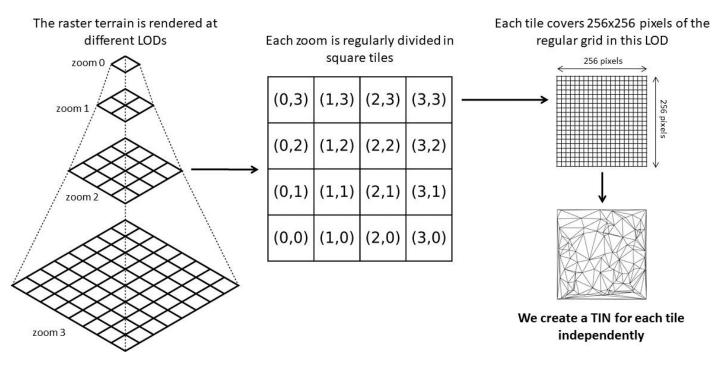


Once OCR is complete:

- Iterate over folders and create each an issue by POSTing to the Drupal REST API
- Create the pages and attach to the issue (via the REST API)
- Add OCR output to page
- Writes a marker file inside the subfolder to indicate the issue has been ingested

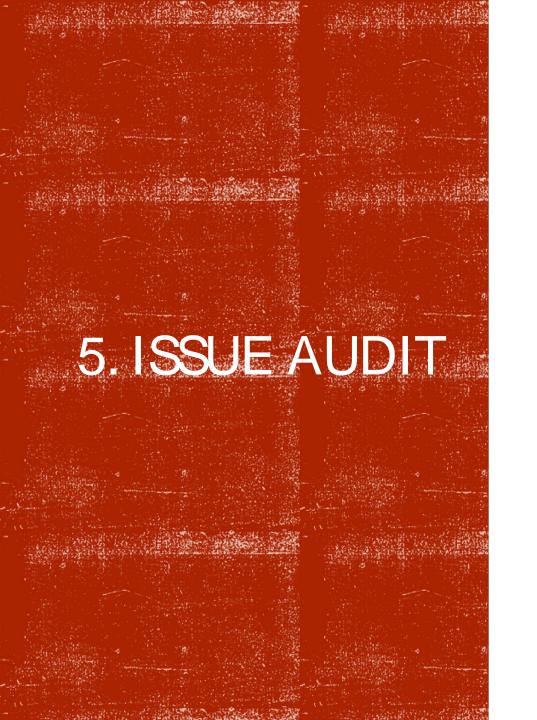


- Page viewer, OpenSeadragon, can leverage a set of 'tiles' to minimize the bandwidth for zooming.
- These tiles are then generated.



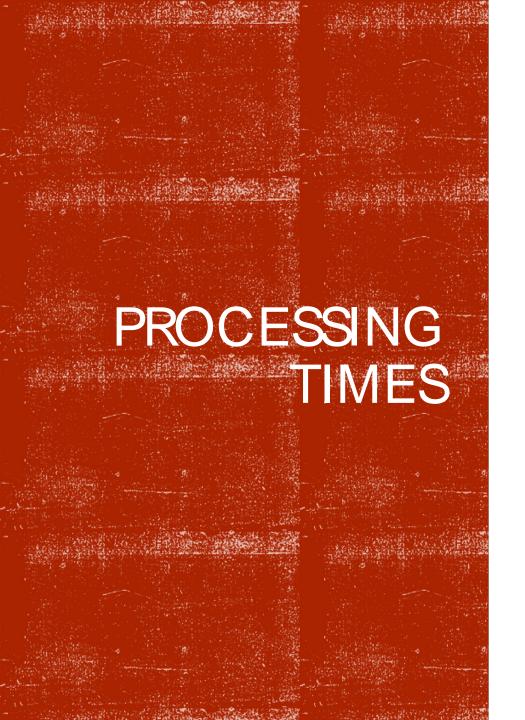
Remote Sens. 2020, 12(3), 437; https://doi.org/10.3390/rs12030437





- Audits all issues in the import
 - Verifies metadata
 - Hashes page files and compares to local
 - Checks page numbering

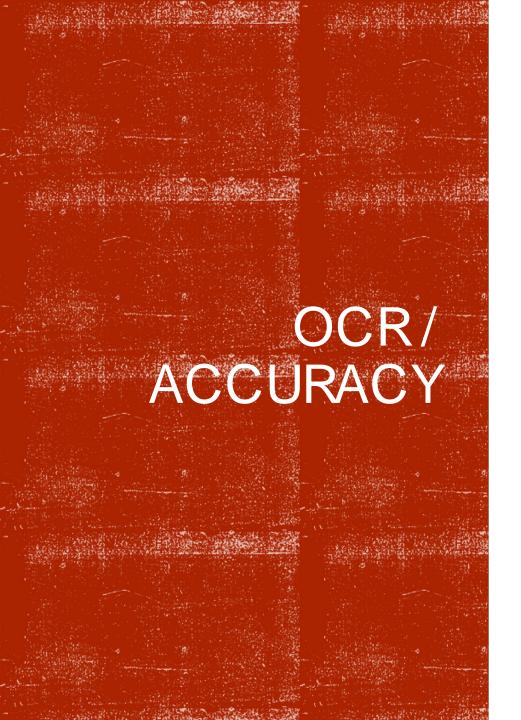




- Processor: Core(TM) i9-12900 (16 Cores)
- Memory: 64GB
- Multi-threaded processes set to use 12 threads.

- Average total processing/ingest/audit time:
 - 30-40s per page

 Can scale horizontally to accommodate volume.



Cropped			Uncropped			Delta			
Word Count	Sum Confidence	Confidence / Word	Word Count	Sum Confidence	Confidence / Word	Word Count	Word Improvement	Sum Confidence	Confidence / Word
2658	237761	89.45109105	2184	187381	85.79716117	474	21.70%	50380	1.036539299
2287	192983	84.38259729	985	82442	83.69746193	1302	132.18%	110541	0.6851353601
3658	332761	90.96801531	976	83715	85.77356557	2682	274.80%	249046	5.194449735
1416	121264	85.63841808	1211	47583	39.2923204	205	16.93%	73681	46.34609768
2486	201635	81.10820595	484	35442	73.22727273	2002	413.64%	166193	7.880933226
2233	199091	89.15853112	2653	191529	72.193366	-420	-15.83%	7562	16.96516512
2891	244375	84.52957454	2857	186810	65.38676934	34	1.19%	57565	19.1428052
3155	271258	85.97717908	2770	235405	84.98375451	385	13.90%	35853	0.9934245682
1821	166493	91.42943438	714	65792	92.14565826	1107	155.04%	100701	-0.7162238866
2638	245602	93.10159212	2666	247954	93.0060015	-28	-1.05%	-2352	0.09559061486
1728	161021	93.18344907	1816	167250	92.09801762	-88	-4.85%	-6229	1.085431453
2924	271011	92.68502052	2945	272447	92.51171477	-21	-0.71%	-1436	0.173305749
2906	234395	80.65898142	1026	79268	77.25925926	1880	183.24%	155127	3.399722158
2200	201292	91.49636364	2668	241502	90.517991	-468	-17.54%	-40210	0.9783726319
2007	171088	85.24564026	1685	142542	84.59465875	322	19.11%	28546	0.6509815054
2495	226225	90.67134269	2554	229649	89.91738449	-59	-2.31%	-3424	0.7539581905
2979	263733	88.53071501	3033	265995	87.70029674	-54	-1.78%	-2262	0.8304182691
3573	328250	91.86957739	3446	314514	91.26929774	127	3.69%	13736	0.6002796494
308	27199	88.30844156	307	27522	89.64820847	1	0.33%	-323	-1.339766911
1167	102274	87.63838903	2009	177146	88.17620707	-842	-41.91%	-74872	-0.5378180365
2779	241767	86.99784095	3129	243836	77.92777245	-350	-11.19%	-2069	9.070068499
2071	179268	86.5610816	2575	222905	86.56504854	-504	-19.57%	-43637	-0.003966940599
1816	153920	84.75770925	2334	200410	85.86546701	-518	-22.19%	-46490	-1.107757758
1210	100270	82.8677686	2338	197378	84.42172797	-1128	-48.25%	-97108	-1.553959378
1732	150003	86.60681293	1823	156242	85.70597916	-91	-4.99%	-6239	0.9008337778
1511	119603	79.15486433	1887	147104	77.95654478	-376	-19.93%	-27501	1.198319548
2939	247202	84.11092208	1372	108972	79.42565598	1567	114.21%	138230	4.685266106
3440	290874	84.55639535	2479	205376	82.846309	961	38.77%	85498	1.710086353
1456	132064	90.7032967	1468	133650	91.04223433	-12	-0.82%	-1586	-0.3389376291
1961	177574	90.55277919	310	27735	89.46774194	1651	REMOVED	149839	1.085037259
340	30462	89.59411765	326	29579	90.73312883	14	4.29%	883	-1.139011187
3035	274914	90.58121911	3024	272415	90.0843254	11	0.36%	2499	0.4968937136
2801	257798	92.03784363	2773	255800	92.24666426	28	1.01%	1998	-0.2088206353
1924	178742	92.9012474	6	424	70.66666667	1918	REMOVED	178318	22.23458073
1199	104726	87.34445371	1855	165614	89.27978437	-656	-35.36%	-60888	-1.935330655
2795	252021	90.16851521	2790	251509	90.14659498	5	0.18%	512	0.02192022365
					Mean Extra Words	307.25	33.71%		3.87%

Slight improvement if images are cropped to page content but can be very labour intensive.



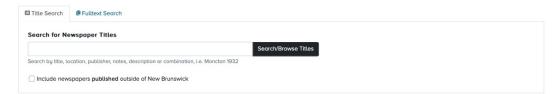


New Brunswick Historical Newspapers Project

New Brunswick Historical Newspapers Project provides researchers with unified access to UNB Libraries' current and historical newspaper collections in all formats, from New Brunswick and across the world. Search and discover print, microform, and selected digital newspaper titles available from UNB Libraries.

Fulltext searching is available for our growing list of digitized titles. Learn more about the New Brunswick Historical Newspapers Project or contact us with questions

For more worldwide digital newspaper content, consult UNB Libraries licensed electronic Newspaper collections 🗹 UNB/STU login required.







NBHNP Partnerships







WEBSITE

- Drupal 9
- Custom entities
- Solr search
- Custom UNB Libraries Bootstrap theme
- newspapers.lib.unb.ca
 - https://github.com/unblibraries/newspapers.lib.unb.ca



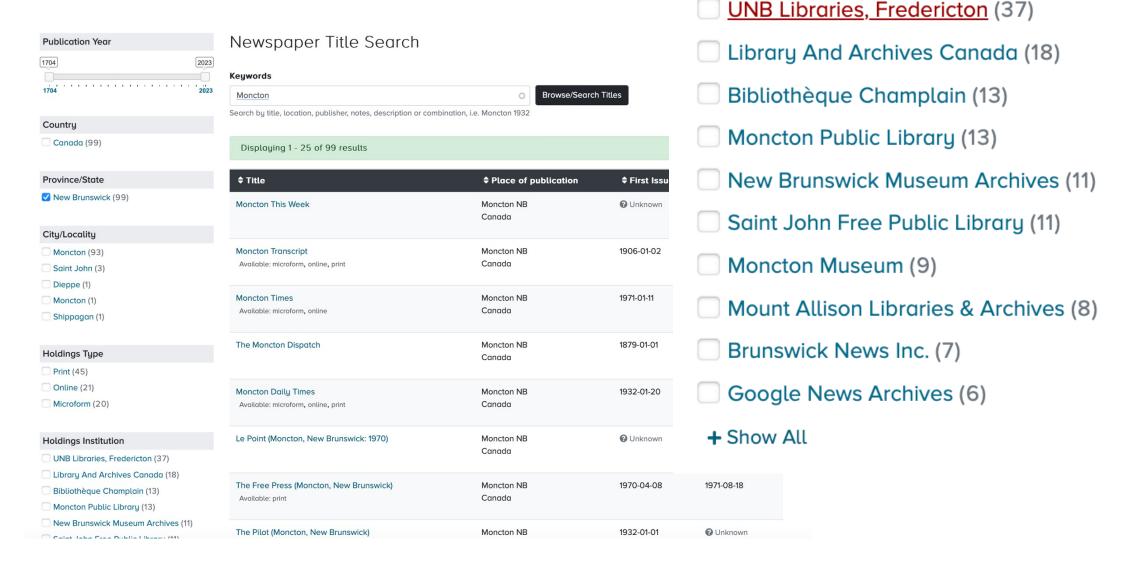


SEARCH

- 1. Title Metadata
- 2. Fulltext



1. SEARCHING BY TITLE



Holdings Institution



The Saint John Gazette and General Advertiser (1799)

Details

Dates of Publication:

Mar 29, 1799 - Jul 4, 1803

Place of Publication:

Saint John NB

Canada

Frequency:

Unknown (weekly?)

Earlier title:

Continues The Saint John Gazette and the Weekly Advertiser (1786)

Later title:

Continued by The Saint John Gazette (1803)

Broad Title History:

(This includes all related titles and supplements and the publication dates of each)

☐ Broad Title History Map

- Royal St. John's Gazette and Nova Scotia Intelligencer (Saint John, New Brunswick: 1783) Dec 18, 1783 1784
- The Royal New Brunswick Gazette and General Advertiser 1784 1785
- The Royal New Brunswick Gazette and Weekly Advertiser 1785? 1785?
- Royal Gazette, and New-Brunswick Advertiser (Saint John, New Brunswick: 1785) Oct 11, 1785 Nov 24, 1802
- The Saint John Gazette and the Weekly Advertiser (1786) 1786 Mar 29, 1799
- → The Saint John Gazette and General Advertiser (1799) Mar 29, 1799 Jul 4, 1803
- The Royal Gazette (Saint John, New Brunswick: 1802) Dec 1, 1802 Dec 31, 1807
- The Saint John Gazette (1803) Jul 9, 1803 Dec 28, 1807
- The Royal Gazette and New Brunswick Advertiser (Saint John, New Brunswick: 1808) 1808 1814
- . The Pougl Gazette (Saint John New Brunswick: 1814) 1814 Mar 1815



Holdings

Online:

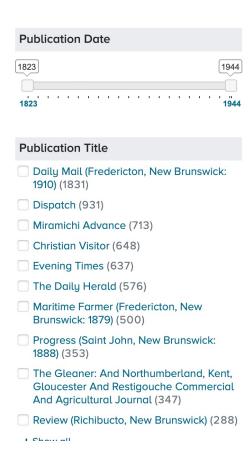
- UNB Libraries, NB Historical Newspapers Project (@ info)
 1 Issues Available Online
 Aug 29, 1800 Aug 29, 1800
- Google News Archives (② info)
 Access online ☑
 Mar 29, 1799 Jul 12, 1799
 Missing Coverage ☐
- Google News Archives (② info)
 Access online ☑
 Apr 11, 1800 Jul 2, 1803

Microform:

- Library and Archives Canada (@ info)
 [1800 1803] (unknown)
 Journaux / Newspapers
- Mount Allison Libraries & Archives (?) info)
 May 1799 Aug 1799; Apr 11, 1800 Jun 30, 1803 (public)
 MAMF, filed as Saint John Gazette
- New Brunswick Museum Archives (② info) unknown (public)
- Saint John Free Public Library (@ info)
 Mar 29, 1799 Jul 4, 1803 (public)
 2nd Floor



2. FULLIEXT SEARCHING



Search Fulltext in Pages



The Gleaner: and Northumberland, Kent, Gloucester and Restigouche Commercial and Agricultural Journ 1851-07-07 (Vol. 10, Issue 37)

... Forbes, on complaint of Donald MecLaughlan, for refusing to assist the said Donald McLaughlan, a **hog-reeve**, to secure a **hog** a 16th June, contrary to the Regulations of General Sessions. The following is a ...

Review (Richibucto, New Brunswick): 1901-01-24 (Vol. 12, Issue 24)

... John Jackson, Daniel Dunlay, Joseph Little. Boom Masters—John Murray, Robert . McCray, Wm. Keswick. **Hog Reeve**s and Pounc iel Maillet, Joseph Mitchell, Amos Ward, John Dunn, John McG. Powell, ... D. A. Saal. nier, Geo. H Perry. Sarveyors of Dams—Wm. G Samuel Briggs, Michael Swift, **Hog Reeve**s—Joseph Lamb, Andrew Melntosh, Zozeme Arsinault. Measurers of Wood and Bark—Sila

Review (Richibucto, New Brunswick): 1902-02-06 (Vol. 13, Issue 24)

... Collett, D. A. Saulnier, C. Wry. Surveyors of Dams—Wm. G. Cameron, Samuel Briggs, Michael Swift, **Hog Reeve**s—Joseph Lamb, A Z zeme Arsinault, Measurers of Wood and Bark—Silas Smallwood, ... John Jackson, Daniel Dunlay, Joseph Little "Boom Masters—J Robert McCray, Wm. Keswick. **Hog Reeve**s and Pound Keepers— Daniel Maillet, Joseph Mitchell, Amos Ward, Johu Dunn, Jr., John I



BROWSE DIGITAL ISSUES

Publication Decade

- 1930s (2315)
- 1920s (2145)
- 1910s (2614)

Publication Year

- 1939 (46)
- 1938 (83)
- **1937** (310)
- 1936 (266)
- 1935 (271)
- 1934 (264)
- 1933 (268)
- 1932 (234)
- 1931 (271)
- 1930 (302)
- + Show all

Daily Mail (Fredericton, New Brunswick: 1910)

March 1910



March 08, 1910Volume 14 No. 203



March 09, 1910 Volume 14 No. 204



March 10, 1910 Volume 14 No. 205



March 11, 1910 Volume 14 No. 206



MarcO6 Volum

April 1910



April 04, 1910Volume 14 No. 225



April 05, 1910Volume 14 No. 226



April 06, 1910Volume 14 No. 227



April 07, 1910Volume 14 No. 228



Apri Volum



OPENSEADRAGON

Daily Mail (Fredericton, New Brunswick: 1910): 1910-03-09 - Page 1

«Digital issues for "The Daily Mail"

Page 1 of 8

Next »





THANK YOU

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Æff Carter

jeff.carter@unb.ca



