

# Metadata

Field	Value
<b>Title</b>	135-Year Old Code Mystery Highlights Forgotten Era of Meteorology
	Abstract
<b>Publication general type</b>	graphic novel
<b>Project Name</b>	□
<b>Keyword Vocabulary</b>	polar data catalogue
<b>Keyword Vocabulary URL</b>	<a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a>
<b>Theme</b>	
<b>Title</b>	Atmosphere
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/group/modelling">https://canwin-datahub.ad.umanitoba.ca/data/group/modelling</a>
<b>Version</b>	1.0
<b>Publisher</b>	Canadian Watershed Information Network
<b>Date Published</b>	2023
<b>DOI</b>	10.1080/01611194.2023.2223562
<b>Authors</b>	

Field	Value
<b>Authors 1</b>	
<b>Author Name</b>	Chan, Wayne
<b>Type of Name</b>	Personal
<b>Email</b>	<a href="mailto:ws_chan@umanitoba.ca">ws_chan@umanitoba.ca</a>
<b>Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>ORCID ID</b>	
<b>License Name</b>	Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International
<b>Licence Type</b>	Open
	CC-BY-NC-ND-4.0
<b>Licence Schema Name</b>	SPDX
<b>Licence URL</b>	<a href="https://spdx.org/licenses">https://spdx.org/licenses</a>
<b>Awards</b>	
<b>Related Resources</b>	
<b>Related Resources 1</b>	

Field	Value
<b>Related Resource Name</b>	Breaking the Silk Dress cryptogram
<b>Identifier Code</b>	10.1080/01611194.2023.2223562
<b>Identifier Type</b>	DOI
<b>Relationship to this publication</b>	IsSourceOf
	Online Resource
<b>Type</b>	JournalArticle
<b>Series Name</b>	
<b>Language</b>	English

## Data and Resources

Field	Value
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/dd31c5b2-d0de-41d9-a8a8-ce960953a2a2/resource/25a402c0-e444-48dc-b41f-fa764906f512/download/silk_dress_code_decoded.mp4">https://canwin-datahub.ad.umanitoba.ca/data/dataset/dd31c5b2-d0de-41d9-a8a8-ce960953a2a2/resource/25a402c0-e444-48dc-b41f-fa764906f512/download/silk_dress_code_decoded.mp4</a>
<b>Name</b>	Breaking the Silk Dress Cryptogram - video
<b>Description</b>	A 17-minute video graphic novel of the solution to the Silk Dress cryptogram. [Note: If the video doesn't start playing automatically, move your mouse over the black window and click on it to start the video.]

Field	Value
<b>Format</b>	MP4
<b>Resource Category</b>	supplemental
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/dd31c5b2-d0de-41d9-a8a8-ce960953a2a2/resource/ed7d67d0-5563-4747-8a32-380fc413fda3/download/silk_dress_article-preprint.pdf">https://canwin-datahub.ad.umanitoba.ca/data/dataset/dd31c5b2-d0de-41d9-a8a8-ce960953a2a2/resource/ed7d67d0-5563-4747-8a32-380fc413fda3/download/silk_dress_article-preprint.pdf</a>
<b>Name</b>	Breaking the Silk Dress Cryptogram - journal article
<b>Description</b>	<p>Link to the preprint. Final version published in [*Cryptologia*](https://doi.org/10.1080/01611194.2023.2223562) (Aug. 6, 2023). In 2013, an archeological curator bought a Victorian-era silk bustle dress from an antique mall in Maine. When the curator, Sara Rivers-Cofield, examined the dress, she found a hidden pocket that contained mysterious handwritten messages that appeared to be some sort of code. Since then, codebreakers have tried to solve the messages without success. The so-called "Silk Dress cryptogram" became one of the top 50 unsolved codes and ciphers in the world...</p>
<b>Format</b>	PDF
<b>Resource Category</b>	documents
<b>URL</b>	<a href="https://commitmentcostumes.blogspot.com/2014/02/bennetts-bronze-bustle.html">https://commitmentcostumes.blogspot.com/2014/02/bennetts-bronze-bustle.html</a>
<b>Name</b>	Commitment to Costumes blog
<b>Description</b>	Sara Rivers Cofield's "Commitment to Costumes" blog post about the Silk Dress cryptogram.

Field	Value
<b>Format</b>	HTML
<b>Resource Category</b>	supplemental
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/dd31c5b2-d0de-41d9-a8a8-ce960953a2a2/resource/45ed8d47-9095-4f97-8ff6-30b3850e3966/download/copy-of-bustle_dress_pocket4.mp4">https://canwin-datahub.ad.umanitoba.ca/data/dataset/dd31c5b2-d0de-41d9-a8a8-ce960953a2a2/resource/45ed8d47-9095-4f97-8ff6-30b3850e3966/download/copy-of-bustle_dress_pocket4.mp4</a>
<b>Name</b>	Video of Silk Dress
<b>Description</b>	Video of Sara Rivers Cofield showing the silk bustle dress.
<b>Format</b>	HTML
<b>Resource Category</b>	web_services
<b>URL</b>	<a href="https://ciphermysteries.com/2017/05/21/silk-dress-cipher">https://ciphermysteries.com/2017/05/21/silk-dress-cipher</a>
<b>Name</b>	Cipher Mysteries blog
<b>Description</b>	[Blog post about Silk Dress cryptogram](https://ciphermysteries.com/2017/05/21/silk-dress-cipher) on cryptologist Nick Pelling's Cipher Mysteries website.
<b>Format</b>	HTML
<b>Resource Category</b>	supplemental
<b>URL</b>	<a href="https://www.youtube.com/embed/fL31mnk7Ubw?si=MZ5Lyq68cFaQzw_k">https://www.youtube.com/embed/fL31mnk7Ubw?si=MZ5Lyq68cFaQzw_k</a>

Field	Value
<b>Name</b>	Unsolved Codes Talk
<b>Description</b>	Discussion of the Silk Dress cryptogram by cryptologists Klaus Schmeh and Elonka Dunin, as part of a virtual presentation titled "More Famous and Not-So-Famous Unsolved Codes", hosted by the National Museum of Computing at Bletchley Park, UK (April 18, 2021).
<b>Format</b>	MP4
<b>Resource Category</b>	web_services
<b>URL</b>	<a href="https://www.youtube.com/embed/08dJan4bWYo?si=eIEg-SmtPgdkoRE">https://www.youtube.com/embed/08dJan4bWYo?si=eIEg-SmtPgdkoRE</a>
<b>Name</b>	Unsolved Ciphers and Cryptograms Iceberg
<b>Description</b>	Explanation of the Silk Dress cryptogram as part of a video that goes through an "iceberg" chart of unsolved codes and ciphers.
<b>Format</b>	MP4
<b>Resource Category</b>	web_services
<b>URL</b>	<a href="https://www.noaa.gov/heritage/stories/cryptogram-in-silk-dress-tells-weather-story">https://www.noaa.gov/heritage/stories/cryptogram-in-silk-dress-tells-weather-story</a>
<b>Name</b>	NOAA Article - Cryptogram' in a silk dress tells a weather story

Field	Value
<b>Description</b>	December 14, 2023 — Sometimes a dress is just a dress. In this story, a dress becomes a kind of time travel portal, where we get to return very briefly to the Industrial Revolution and learn about the history of weather forecasting on the frontiers of North America in the 1800s.
<b>Format</b>	HTML
<b>Resource Category</b>	supplemental
<b>URL</b>	<a href="https://www.theweathernetwork.com/en/news/science/earth-science/silk-dress-cryptogram-canadian-researcher-cracks-135-year-old-unsolvable-code?utm_source=facebook&amp;utm_medium=the+weather+network">https://www.theweathernetwork.com/en/news/science/earth-science/silk-dress-cryptogram-canadian-researcher-cracks-135-year-old-unsolvable-code?utm_source=facebook&amp;utm_medium=the+weather+network</a>
<b>Name</b>	The Weather Network Article - Canadian researcher cracks 135 year old 'unsolvable' code
<b>Description</b>	A secret code hidden in the pocket of a 19th century silk dress was one of the world's unsolved mysteries. A researcher from Manitoba figured it out
<b>Format</b>	HTML
<b>Resource Category</b>	supplemental
<b>URL</b>	<a href="https://nypost.com/2023/12/15/lifestyle/cryptic-notes-hidden-in-19th-century-silk-dress-reveal-weather-story/">https://nypost.com/2023/12/15/lifestyle/cryptic-notes-hidden-in-19th-century-silk-dress-reveal-weather-story/</a>
<b>Name</b>	New York Post Article - Cryptic notes found hidden in 19th-century silk dress decoded after 10 years reveal surprising story

Field	Value
<b>Description</b>	Within a secret pocket of a brown silk dress, paper notes containing messages written in code were discovered after being hidden for more than 100 years.
<b>Format</b>	HTML
<b>Resource Category</b>	supplemental
<b>URL</b>	<a href="https://www.popularmechanics.com/science/math/a46192789/silk-dress-cryptogram-solved/">https://www.popularmechanics.com/science/math/a46192789/silk-dress-cryptogram-solved/</a>
<b>Name</b>	Popular Mechanics Article - A Woman Hid This Secret Code in Her Silk Dress in 1888—and Codebreakers Just Solved It
<b>Description</b>	For a decade, codebreakers have tried—and failed—to solve the case of the crumpled paper that was found stuffed in a secret pocket under the bustle and inside the seams of a silk dress from the 1880s. Over the years, the mystery even earned its own moniker: The Silk Dress Cryptogram. Now, we have some answers—and they come from unlikely sources: the National Oceanic and Atmospheric Administration (NOAA) and a data analyst at the University of Manitoba.
<b>Format</b>	HTML
<b>Resource Category</b>	supplemental